

4.2.F. 0801020806

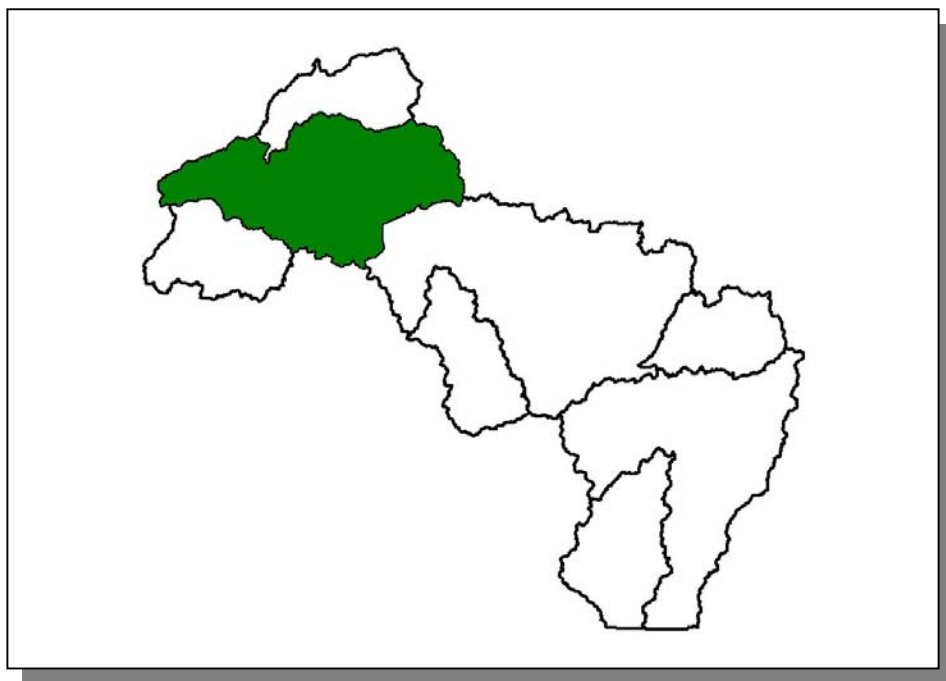


Figure 4-204. Location of Subwatershed 0801020806. All Hatchie River HUC-10 subwatershed boundaries in Tennessee are shown for reference.

4.2.F.i. 080102080601 (Hatchie River).

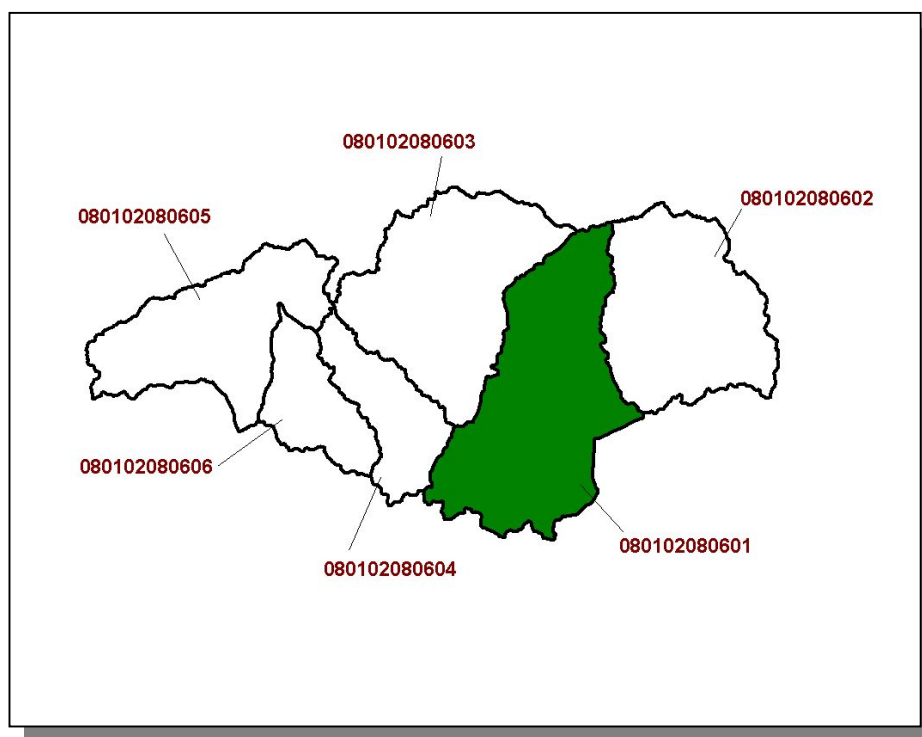


Figure 4-205. Location of Subwatershed 080102080601. All Hatchie River HUC-12 subwatershed boundaries in Tennessee are shown for reference.

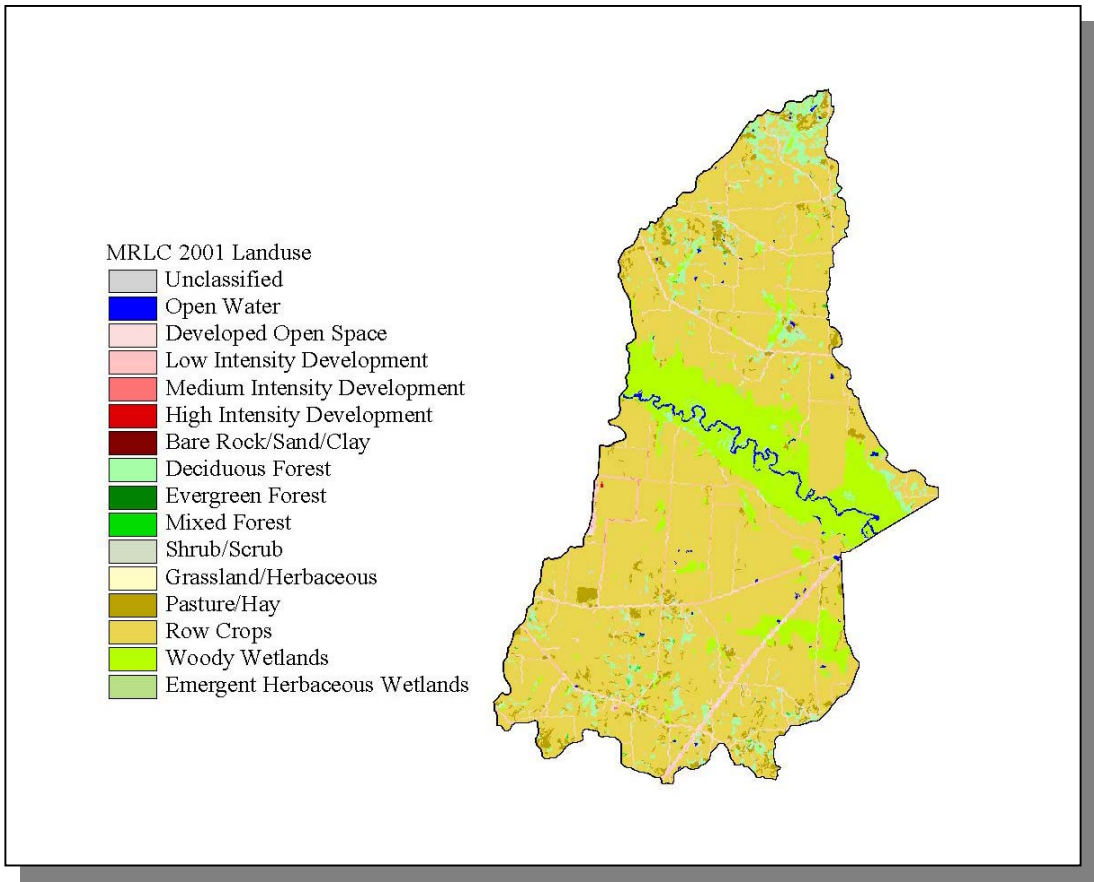


Figure 4-206. Illustration of Land Use Distribution in Subwatershed 080102080601.

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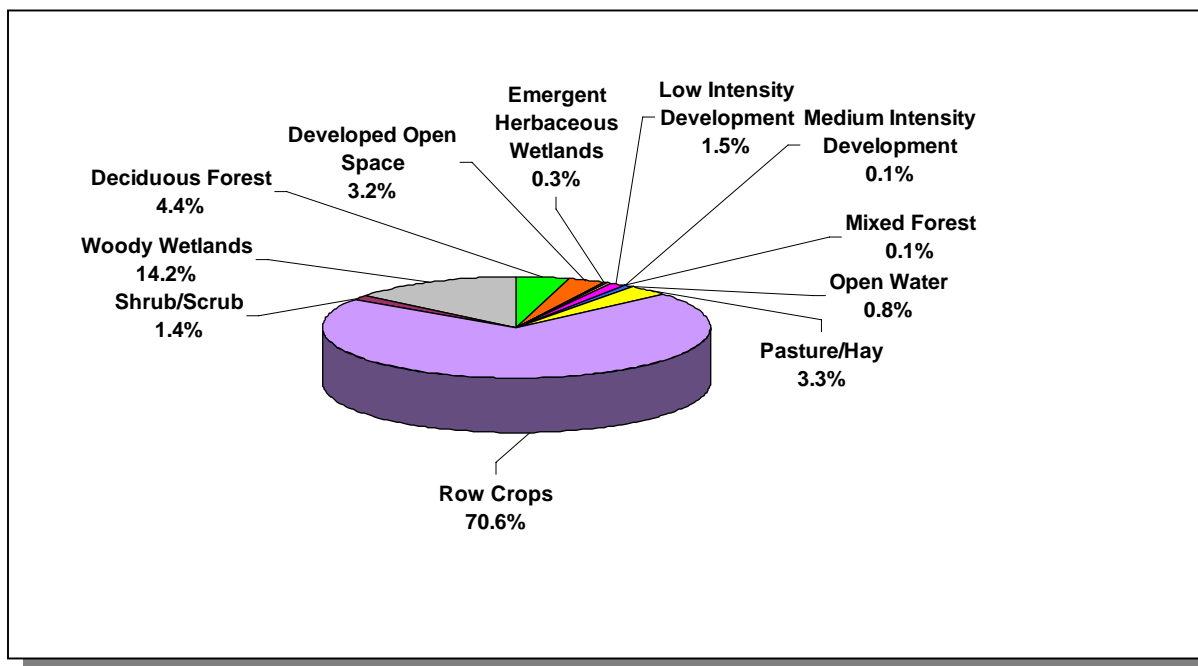


Figure 4-207. Land Use Distribution in Subwatershed 080102080601. More information is provided in Appendix IV.

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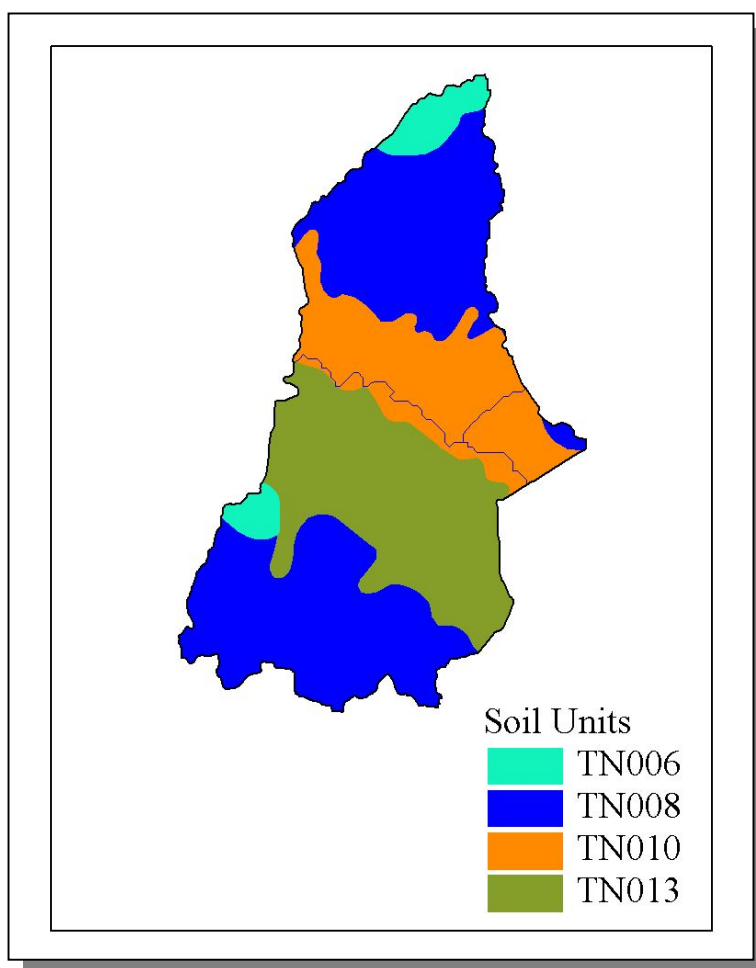


Figure 4-208. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080601.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN006	0.00	C	1.30	5.42	Silty Loam	0.48
TN008	2.00	C	1.38	5.20	Silty Loam	0.48
TN010	81.00	C	1.33	5.11	Silty Loam	0.44
TN013	72.00	C	1.30	5.44	Silty Loam	0.46

Table 4-197. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080601. The definition of "Hydrologic Group" is provided in Appendix IV.

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County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
Haywood	19,437	19,709	19,797	0.61	119	121	121	1.7
Lauderdale	23,491	24,128	27,101	4.96	1,165	1,197	1,344	15.4
Tipton	37,568	45,986	51,271	8.91	3,347	4,097	4,568	36.5
Total	80,496	89,823	98,169		4,631	5,415	6,033	30.3

Table 4-198. Population Estimates in Subwatershed 080102080601.

			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Covington	Tipton	7,487	2,920	2,717	203	0

Table 4-199. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 080102080601.

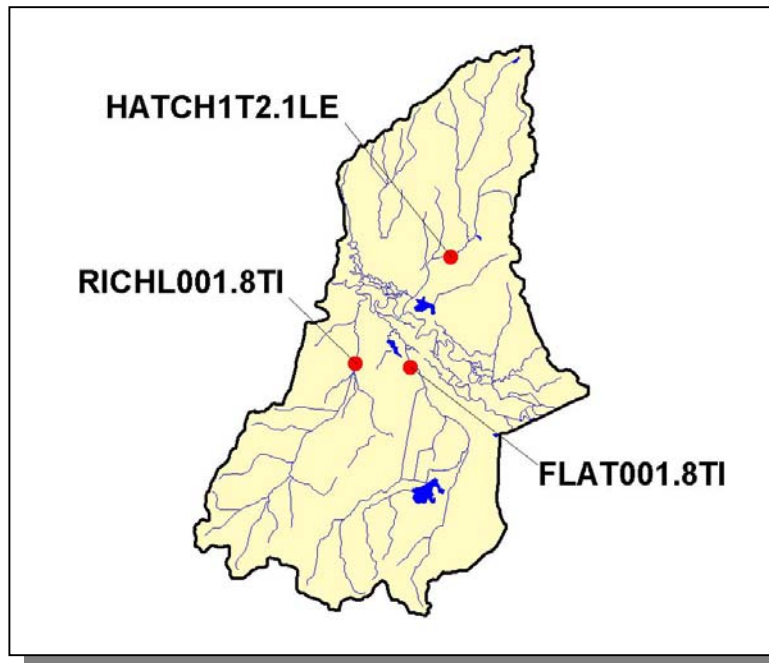


Figure 4-209. Location of Monitoring Sites in EPA's STORET Database in Subwatershed 080102080601. More information, including site names and locations, is provided in Appendix IV.

4.2.F.i.a. Point Source Contributions.

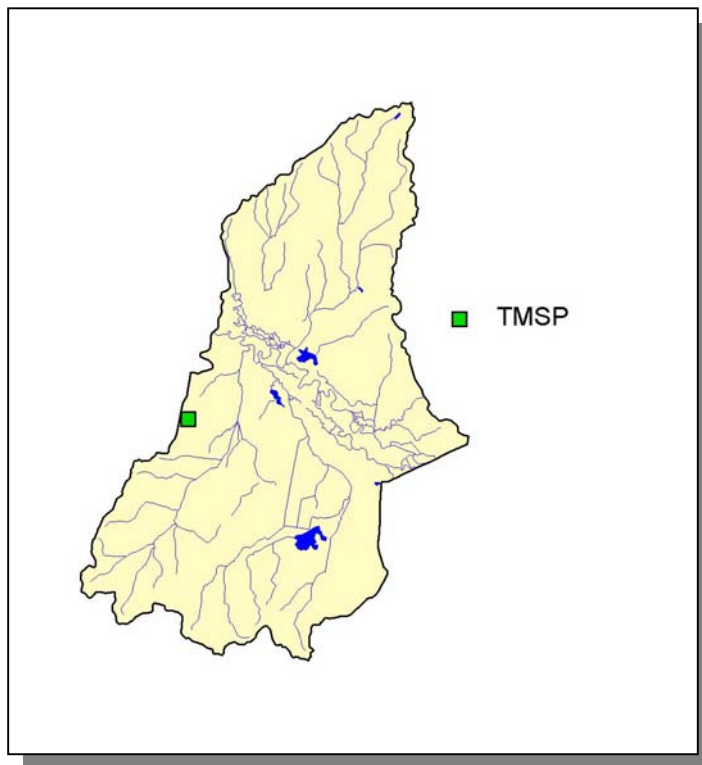


Figure 4-210. Location of Permits Issued in Subwatershed 080102080601. More information, including the names of facilities, is provided in Appendix IV.



Figure 4-211. Location of TMSF Sites in Subwatershed 080102080601. More information, including the names of facilities, is provided in Appendix IV.

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4.2.F.i.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS					
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
497	1,485	<5	<5	183	9

Table 4-200. Summary of Livestock Count Estimates in Subwatershed 080102080601. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

LIVESTOCK COUNTS						
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
Haywood	3,442	6,220	29	237	1,740	12
Lauderdale	0	8,739	0	243	2,355	11
Tipton	5,422	9,796	14	334	251	86

Table 4-201. Summary of Livestock Count Estimates in Haywood, Lauderdale, and Tipton Counties. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Haywood	71.2	71.2	1.7	6.4
Lauderdale				
Tipton	50.9	50.9	1.0	5.6

Table 4-202. Forest Acreage and Annual Removal Rates (1987-1994) in Haywood, Lauderdale, and Tipton Counties.

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CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	1.36
Grass (Hayland)	1.54
Legumes, Grass (Hayland)	0.58
Legumes (Hayland)	1.58
Grass, Forbs, Legumes (Mixed Pasture)	1.49
Corn (Row Crops)	13.91
Cotton (Row Crops)	15.26
Sorghum (Row Crops)	4.02
Soybeans (Row Crops)	16.24
Wheat (Close-Grown Cropland)	9.27
All Other Close-Grown Cropland	3.08
Fruit (Horticulture)	0.76
Other Vegetable and Truck Crops	14.19
Summer Fallow (Other Cropland)	8.70
Other Cropland not Planted	0.27
Conservation Reserve Program Lands	1.31
Other Land in Farms	0.06
Farmsteads and Ranch Headquarters	0.46

Table 4-203. Annual Estimated Total Soil Loss in Subwatershed 080102080601.

4.2.F.ii. 080102080602 (Lagoon Creek).

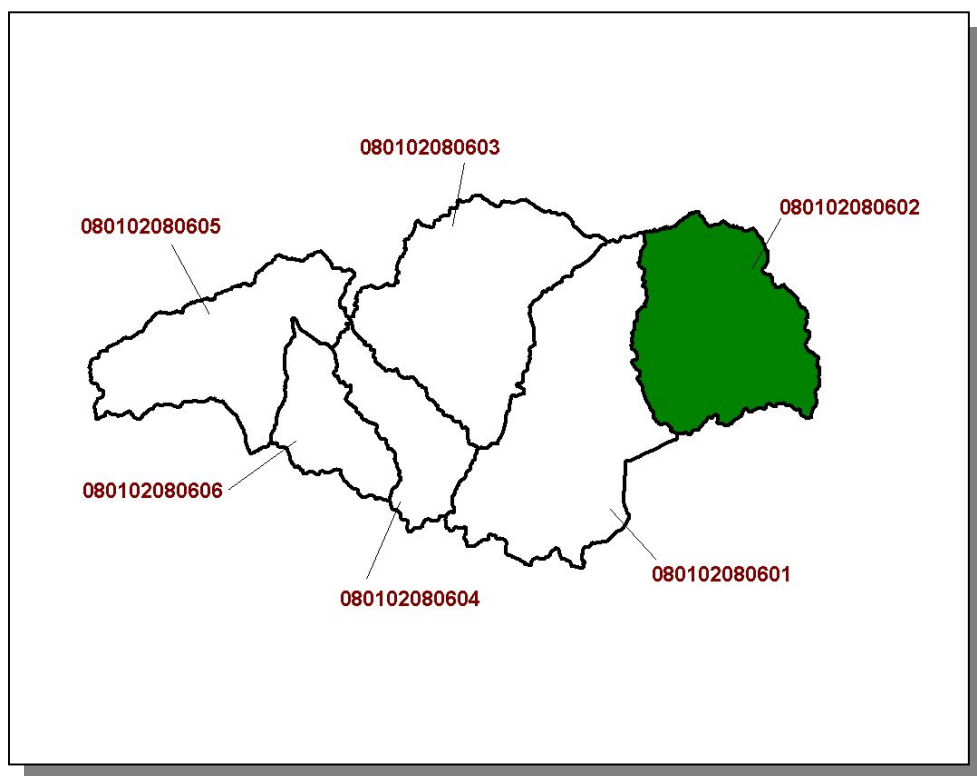


Figure 4-212. Location of Subwatershed 080102080602. All Hatchie River HUC-12 subwatershed boundaries in Tennessee are shown for reference.

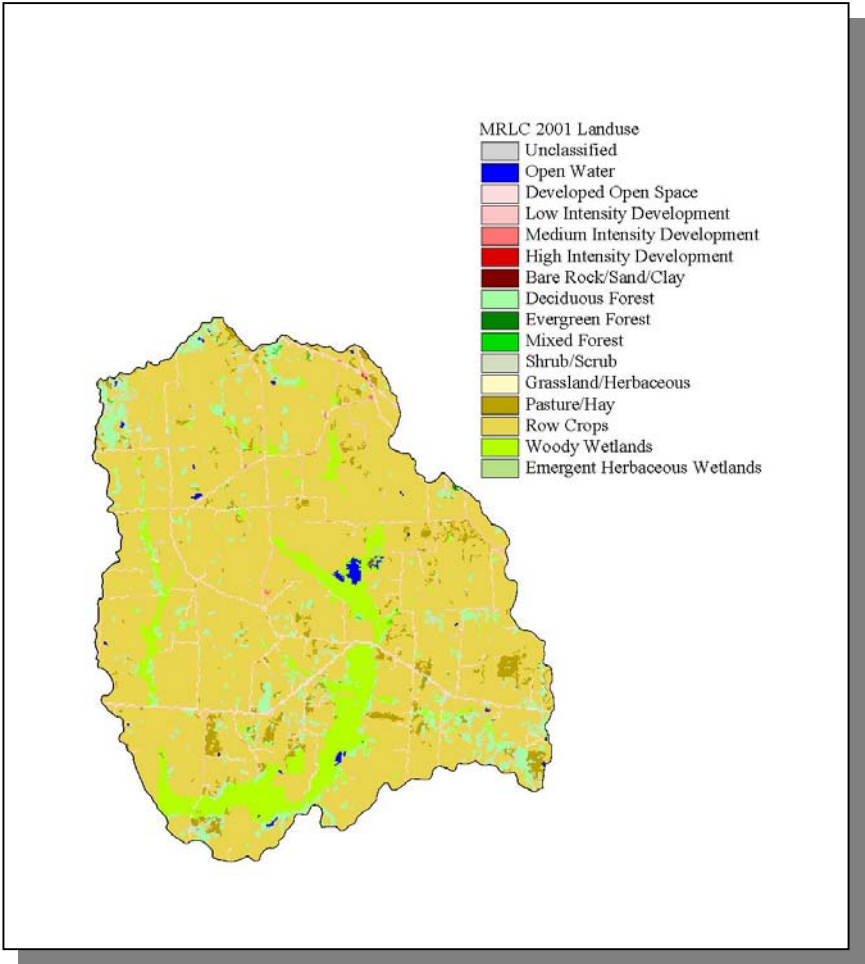


Figure 4-213. Illustration of Land Use Distribution in Subwatershed 080102080602.

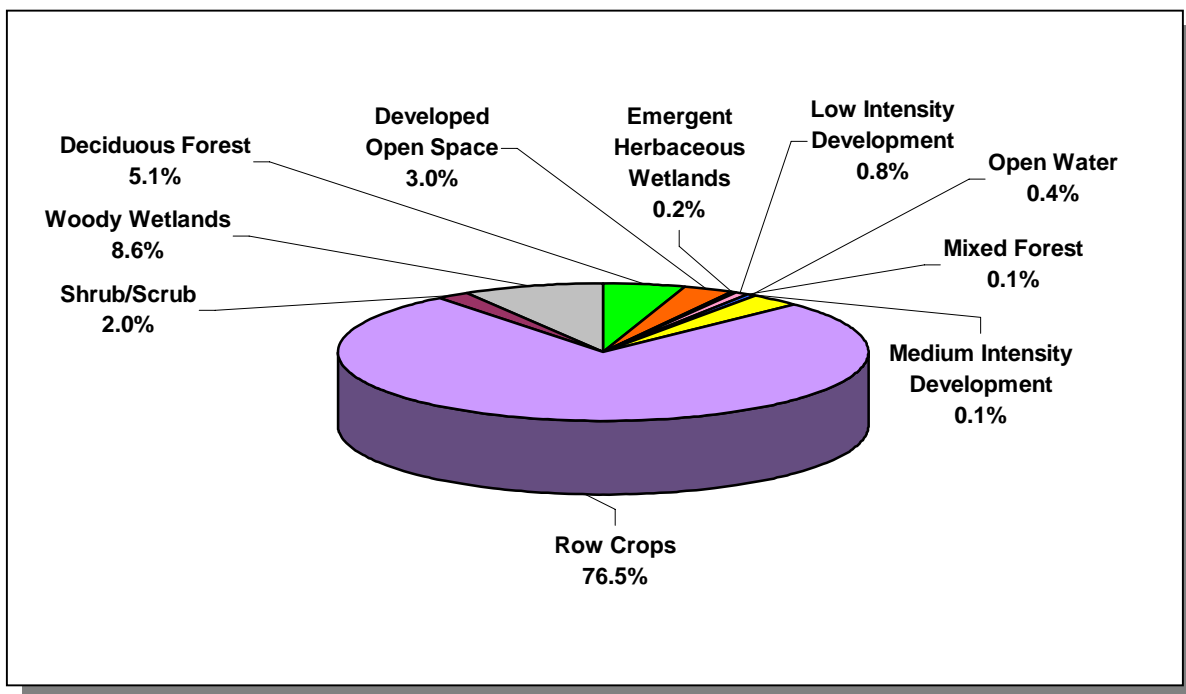


Figure 4-214. Land Use Distribution in Subwatershed 080102080602. More information is provided in Appendix IV.

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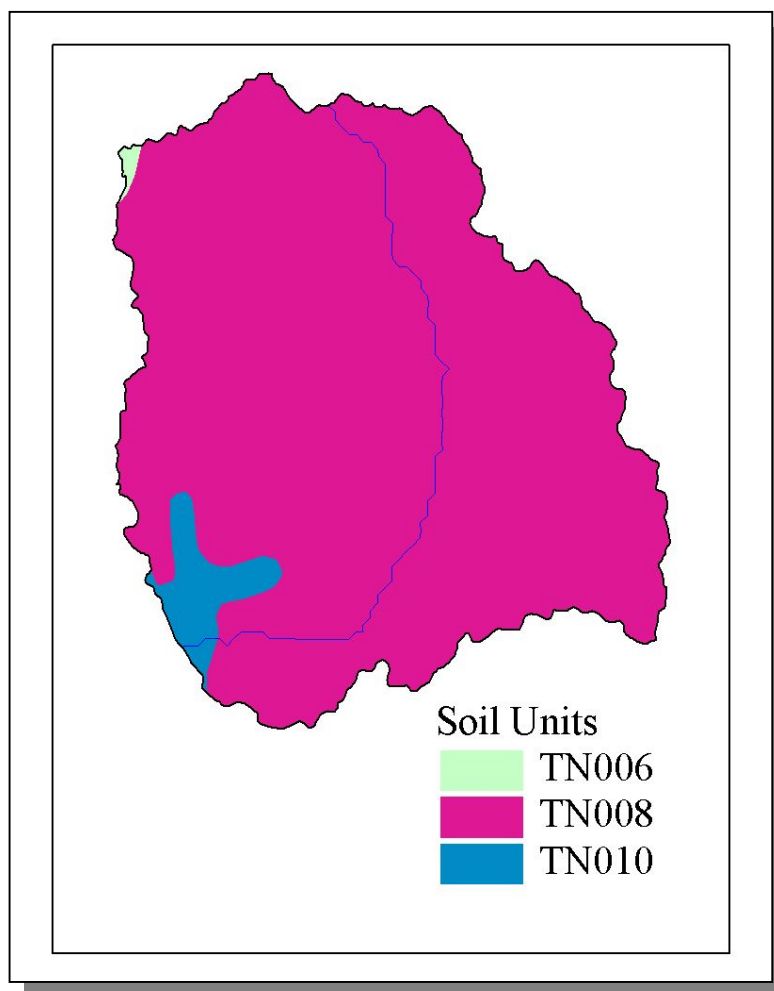


Figure 4-215. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080602.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN006	0.00	C	1.30	5.42	Silty Loam	0.48
TN008	2.00	C	1.38	5.20	Silty Loam	0.48
TN010	81.00	C	1.33	5.11	Silty Loam	0.44

Table 4-204. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080602. The definition of "Hydrologic Group" is provided in Appendix IV.

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County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
Haywood	19,437	19,709	19,797	7.5	1,458	1,478	1,485	1.9
Lauderdale	23,491	24,128	27,101	1.98	465	477	536	15.3
Total	42,928	43,837	46,898		1,923	1,955	2,021	5.1

Table 4-205. Population Estimates in Subwatershed 080102080602.

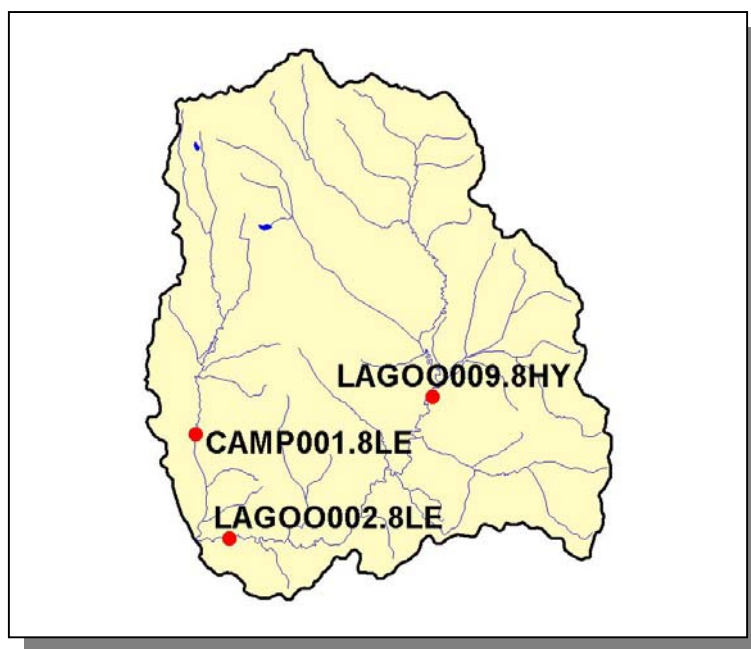


Figure 4-216. Location of Monitoring Sites in EPA's STORET Database in Subwatershed 080102080602. More information, including site names and locations, is provided in Appendix IV.

4.2.F.ii.a. Point Source Contributions.

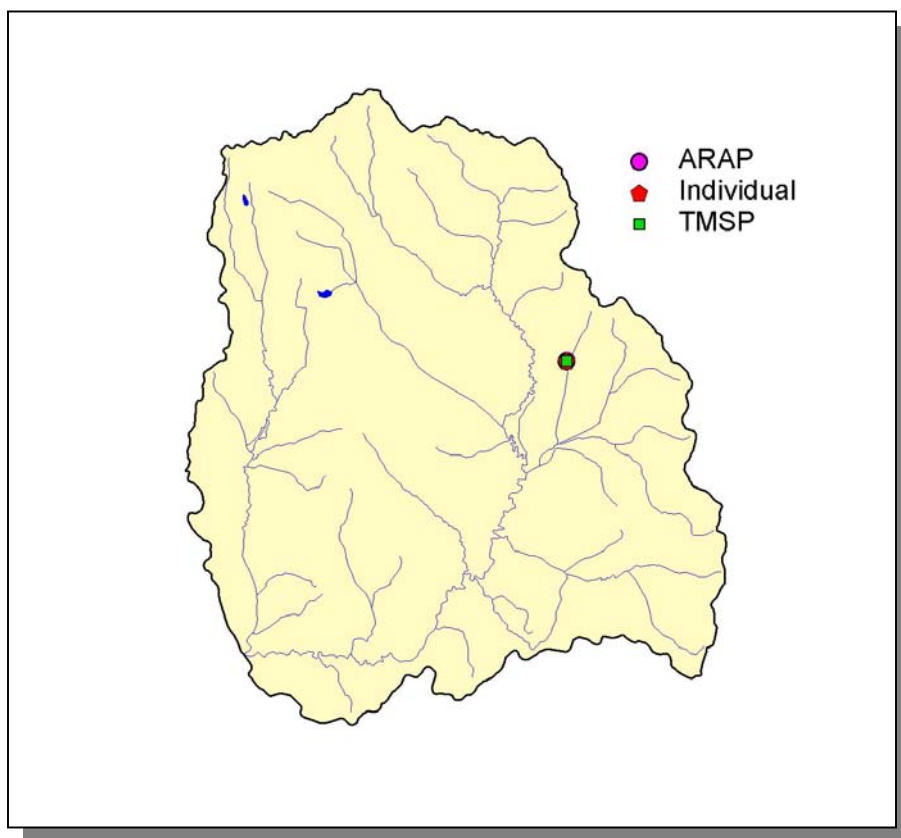


Figure 4-217. Location of Permits Issued in Subwatershed 080102080602. More information, including the names of facilities, is provided in Appendix IV.



Figure 4-218. Location of Active NPDES Sites in Subwatershed 080102080602. More information, including the names of facilities, is provided in Appendix IV.



Figure 4-219. Location of Aquatic Resource Alteration Permit (ARAP) Sites (Individual Permits) in Subwatershed 080102080602. More information is provided in Appendix IV.



Figure 4-220. Location of TMS Sites in Subwatershed 080102080602. More information, including the names of facilities, is provided in Appendix IV.

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4.2.F.ii.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS					
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
264	755	<5	<5	208	<5

Table 4-206. Summary of Livestock Count Estimates in Subwatershed 080102080602. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

LIVESTOCK COUNTS						
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
Haywood	3,442	6,220	29	237	1,740	12
Lauderdale	0	8,739	0	243	2,355	11

Table 4-207. Summary of Livestock Count Estimates in Haywood and Lauderdale Counties. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Haywood	71.2	71.2	1.7	6.4
Lauderdale				

Table 4-208. Forest Acreage and Annual Removal Rates (1987-1994) in Haywood and Lauderdale Counties.

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CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	1.01
Grass (Hayland)	3.04
Legumes, Grass (Hayland)	0.58
Legumes (Hayland)	0.65
Grass, Forbs, Legumes (Mixed Pasture)	0.71
Corn (Row Crops)	8.90
Cotton (Row Crops)	12.70
Sorghum (Row Crops)	4.02
Soybeans (Row Crops)	8.35
Wheat (Close-Grown Cropland)	9.27
All Other Close-Grown Cropland	3.08
Fruit (Horticultural)	0.76
Other Vegetable and Truck Crops	4.16
Summer Fallow (Other Cropland)	8.70
Other Cropland not Planted	0.85
Conservation Reserve Program Lands	1.08
Other Land in Farms	0.14
Farmsteads and Ranch Headquarters	0.51

Table 4-209. Annual Estimated Total Soil Loss in Subwatershed 080102080602.

4.2.F.iii. 080102080603 (Hatchie River).

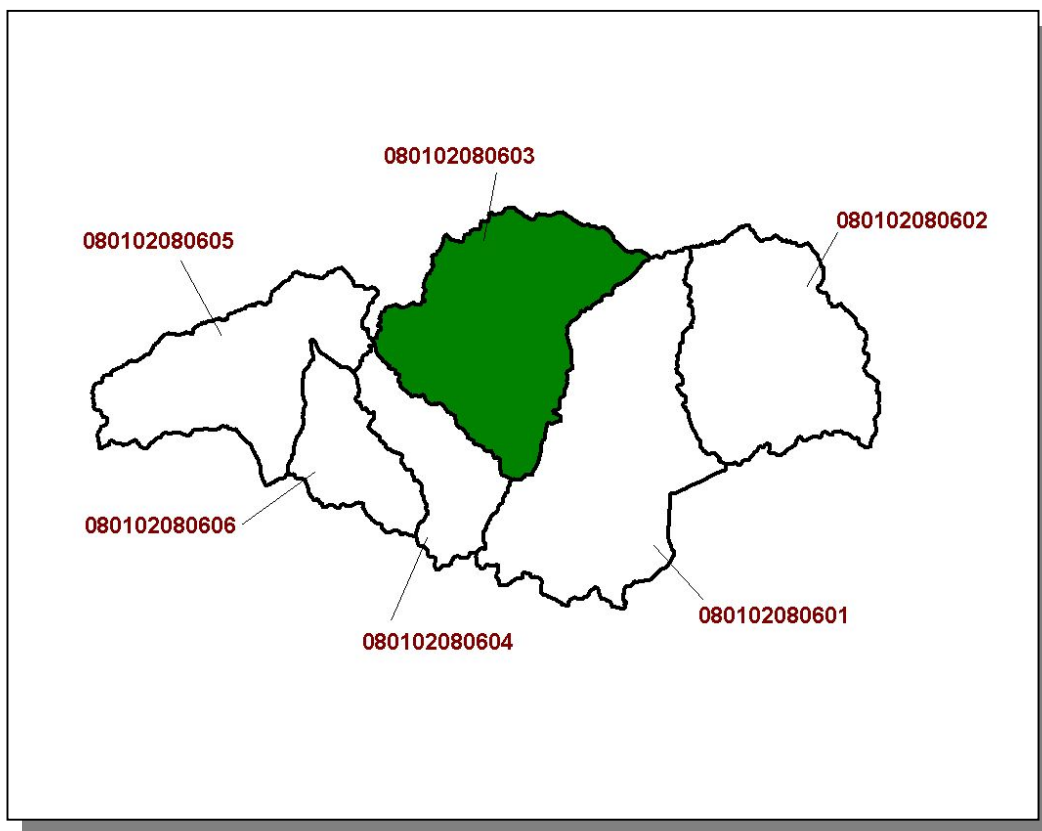


Figure 4-221. Location of Subwatershed 080102080603. All Hatchie River HUC-12 subwatershed boundaries in Tennessee are shown for reference.

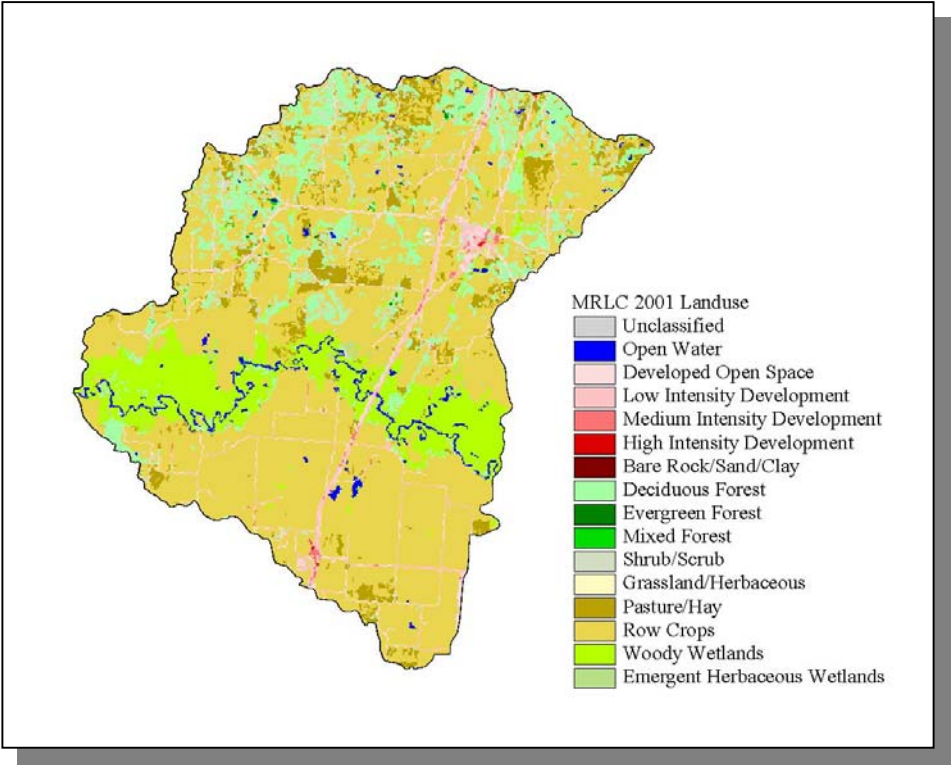


Figure 4-222. Illustration of Land Use Distribution in Subwatershed 080102080603.

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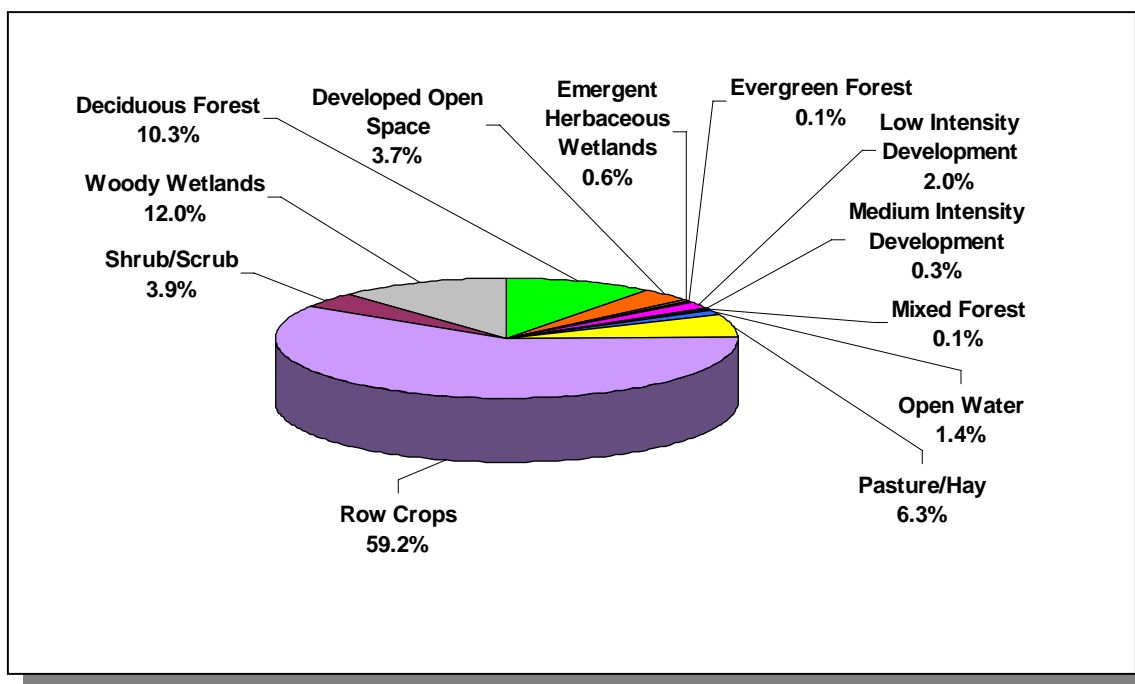


Figure 4-223. Land Use Distribution in Subwatershed 080102080603. More information is provided in Appendix IV.

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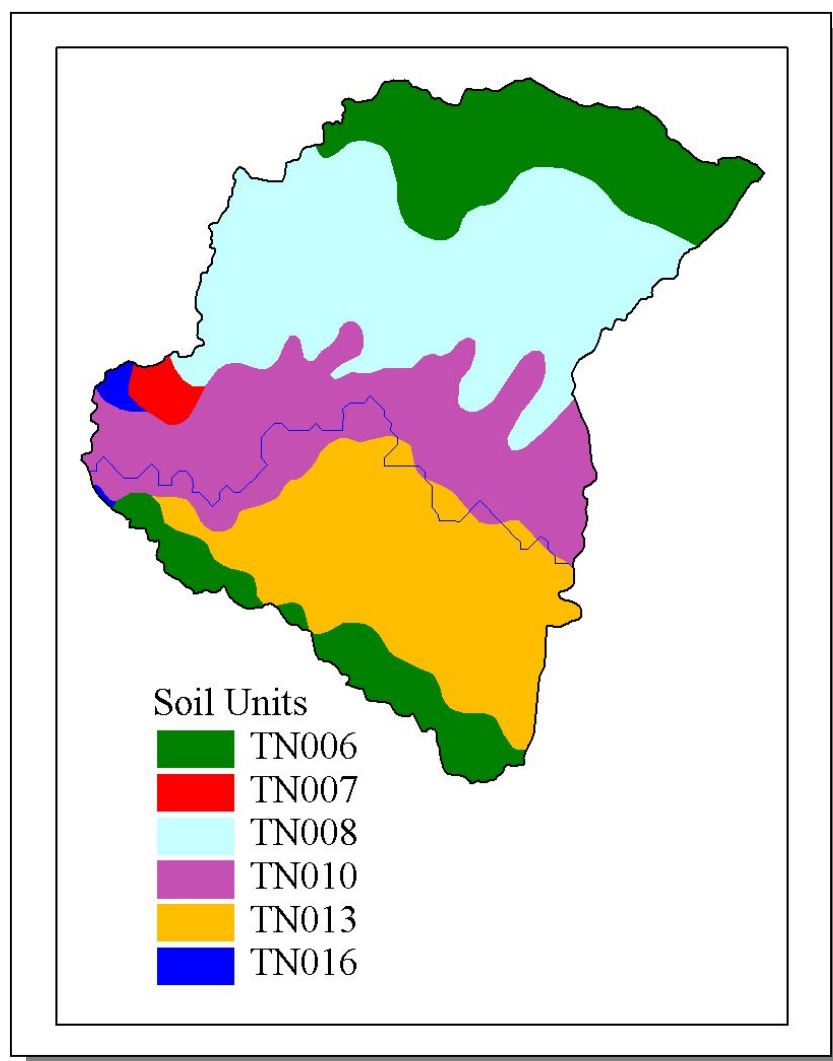


Figure 4-224. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080603.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN006	0.00	C	1.30	5.42	Silty Loam	0.48
TN007	29.00	C	1.30	5.36	Silty Loam	0.48
TN008	2.00	C	1.38	5.20	Silty Loam	0.48
TN010	81.00	C	1.33	5.11	Silty Loam	0.44
TN013	72.00	C	1.30	5.44	Silty Loam	0.46
TN016	0.00	C	1.30	6.47	Silty Loam	0.44

Table 4-210. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080603. The definition of "Hydrologic Group" is provided in Appendix IV.

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County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
Lauderdale	23,491	24,128	27,101	7.49	1,761	1,808	2,031	15.3
Tipton	37,568	45,986	51,271	4.35	1,634	2,000	2,230	36.5
Total	61,059	70,114	78,372		3,395	3,808	4,261	25.5

Table 4-211. Population Estimates in Subwatershed 080102080603

			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Covington	Tipton	7,487	2,920	2,717	203	0
Henning	Lauderdale	815	324	295	21	8
Total		8,302	3,264	3,012224	224	8

Table 4-212. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 080102080603.

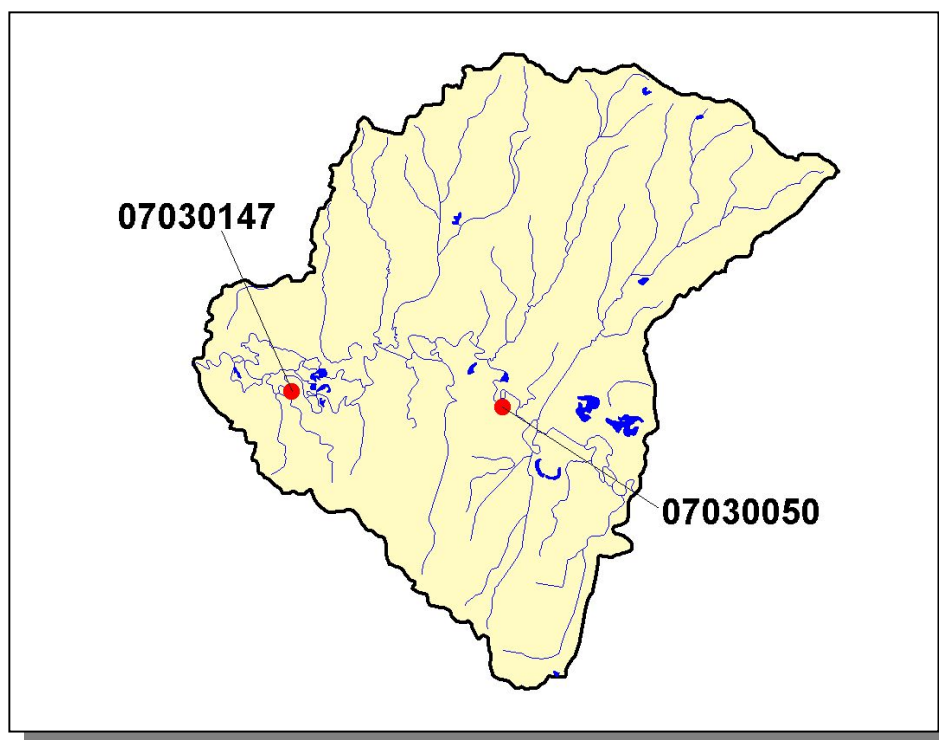


Figure 4-225. Location of Historical Streamflow Data Collection Sites in Subwatershed 080102080603. More information is provided in Appendix IV.

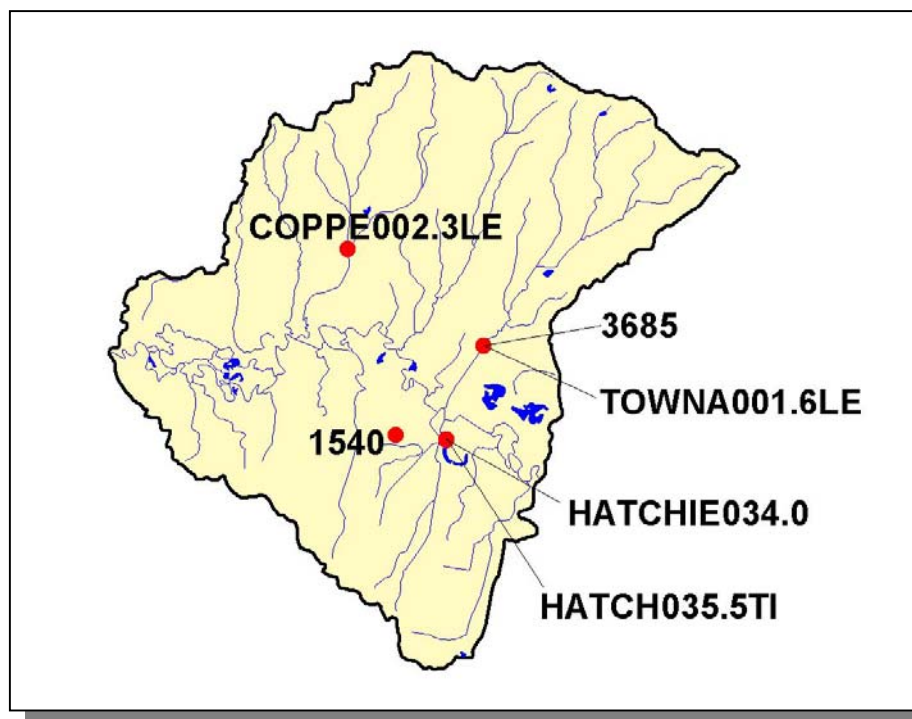


Figure 4-226. Location of Monitoring Sites in EPA's STORET Database in Subwatershed 080102080603. More information, including site names and locations, is provided in Appendix IV.

4.2.F.iii.a. Point Source Contributions.

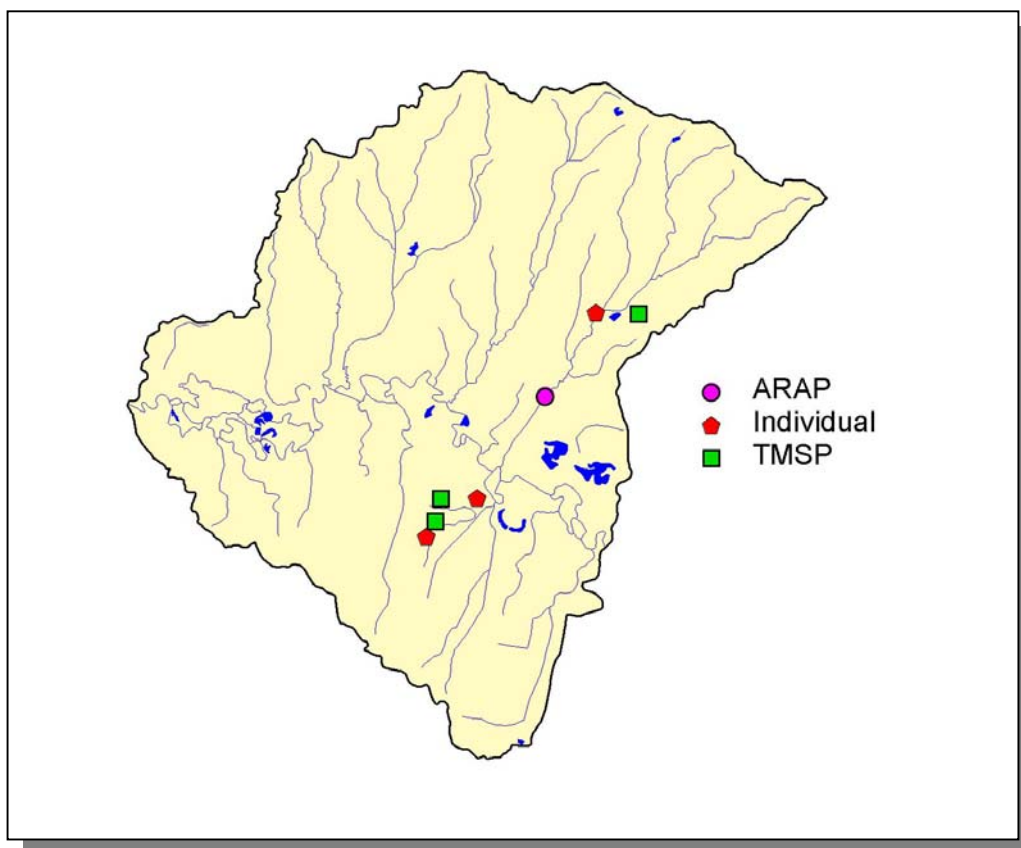


Figure 4-227. Location of Permits Issued in Subwatershed 080102080603. More information, including the names of facilities, is provided in Appendix IV.

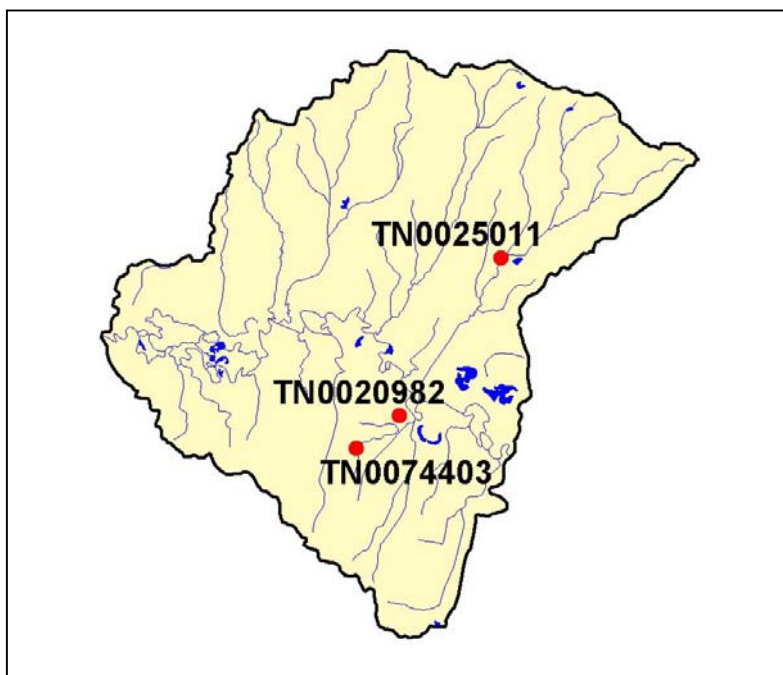


Figure 4-228. Location of Active NPDES Sites in Subwatershed 080102080603. More information, including the names of facilities, is provided in Appendix IV.

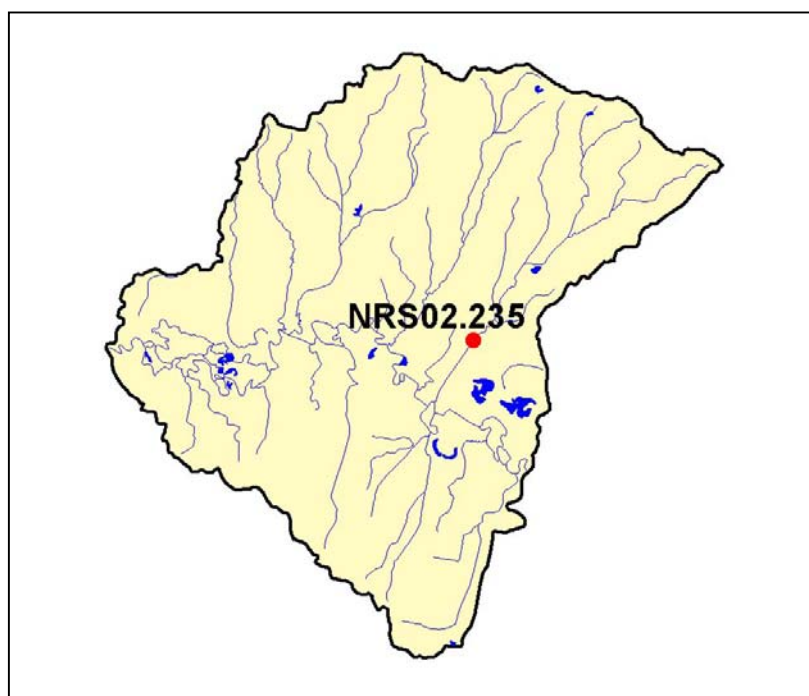


Figure 4-229. Location of Aquatic Resource Alteration Permit (ARAP) Sites (Individual Permits) in Subwatershed 080102080603. More information is provided in Appendix IV.

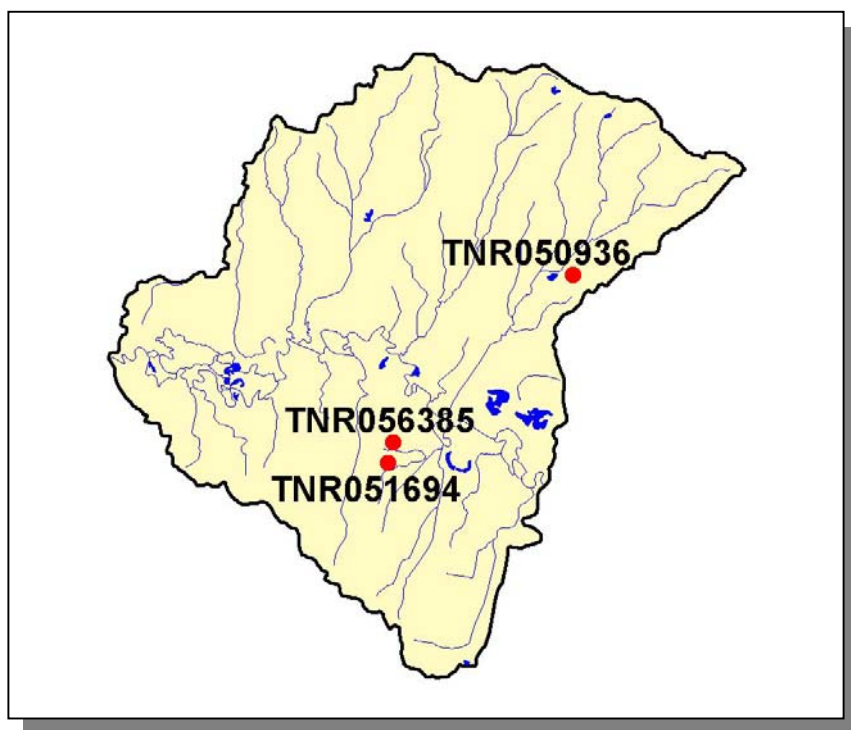


Figure 4-230. Location of TMSP Sites in Subwatershed 080102080603. More information, including the names of facilities, is provided in Appendix IV.

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4.2.F.iii.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS				
Beef Cow	Cattle	Chickens (Layers)	Hogs	Sheep
164	1,397	<5	304	<5

Table 4-213. Summary of Livestock Count Estimates in Subwatershed 080102080603. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

LIVESTOCK COUNTS						
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
Lauderdale	0	8,739	0	243	2,355	11
Tipton	5,422	9,796	14	334	251	86

Table 4-214. Summary of Livestock Count Estimates in Lauderdale and Tipton Counties. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Lauderdale				
Tipton	50.9	50.9	1.0	5.6

Table 4-215. Forest Acreage and Annual Removal Rates (1987-1994) in Lauderdale and Tipton Counties.

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CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	1.78
Grass (Hayland)	0.95
Legumes, Grass (Hayland)	0.58
Legumes (Hayland)	0.61
Grass, Forbs, Legumes (Mixed Pasture)	1.93
Corn (Row Crops)	14.77
Cotton (Row Crops)	14.57
Soybeans (Row Crops)	15.28
Wheat (Close-Grown Cropland)	9.27
Other Vegetable and Truck Crops	9.91
Summer Fallow (Other Cropland)	8.70
Other Cropland not Planted	0.22
Conservation Reserve Program Lands	1.54
Other Land in Farms	0.05
Farmsteads and Ranch Headquarters	0.29

Table 4-216. Annual Estimated Total Soil Loss in Subwatershed 080102080603.

4.2.F.iv. 080102080604 (Town Creek).

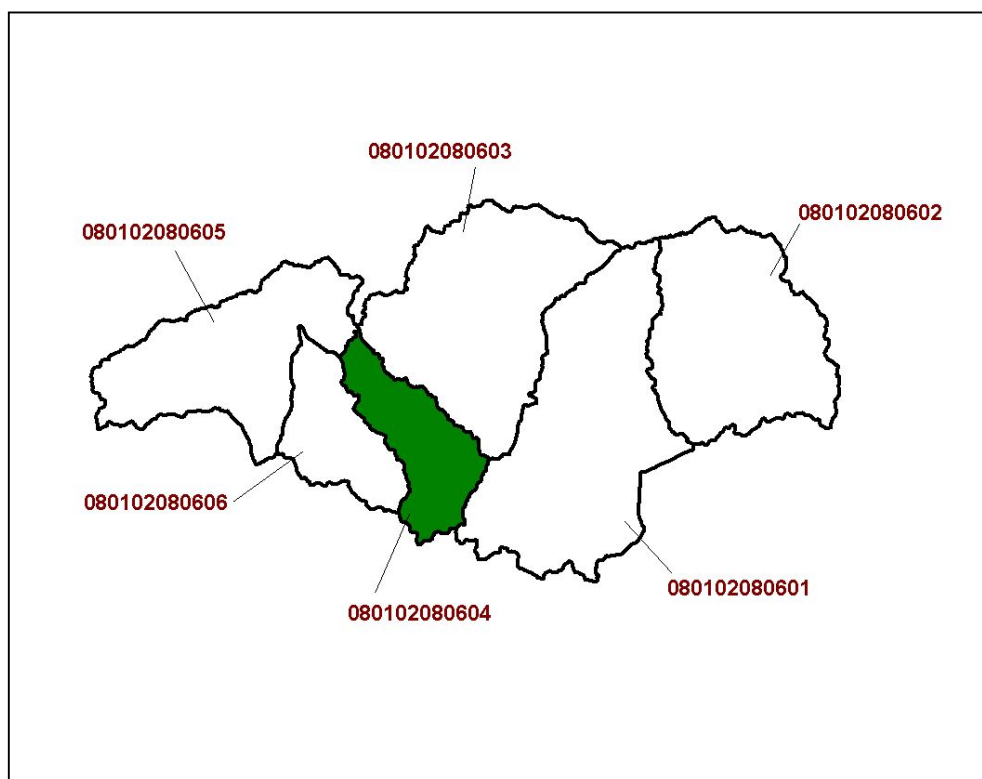


Figure 4-231. Location of Subwatershed 080102080604. All Hatchie River HUC-12 subwatershed boundaries in Tennessee are shown for reference.

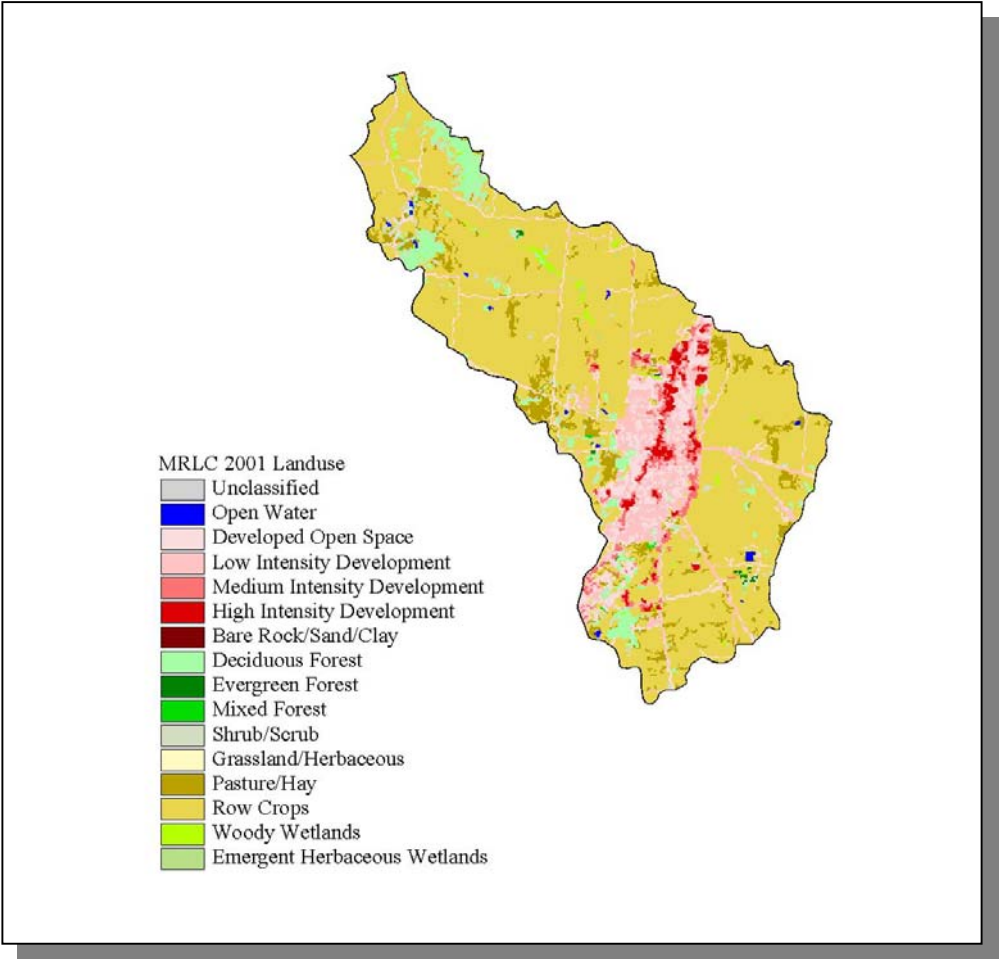


Figure 4-232. Illustration of Land Use Distribution in Subwatershed 080102080604.

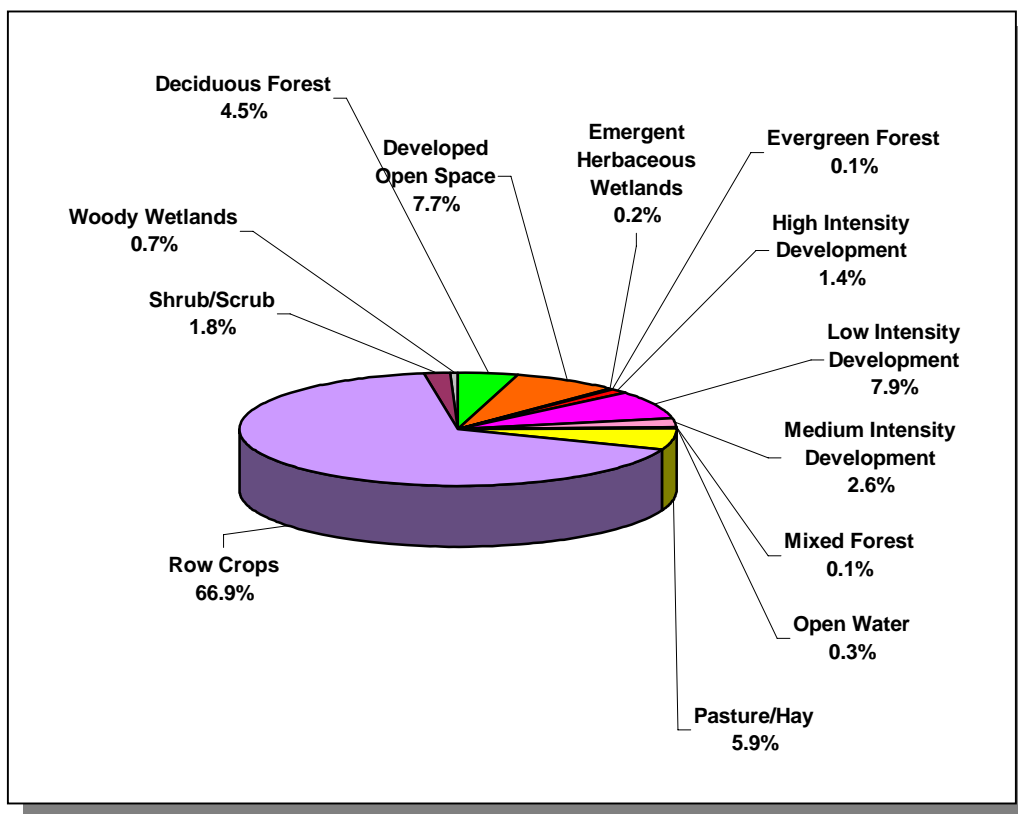


Figure 4-233. Land Use Distribution in Subwatershed 080102080604. More information is provided in Appendix IV.

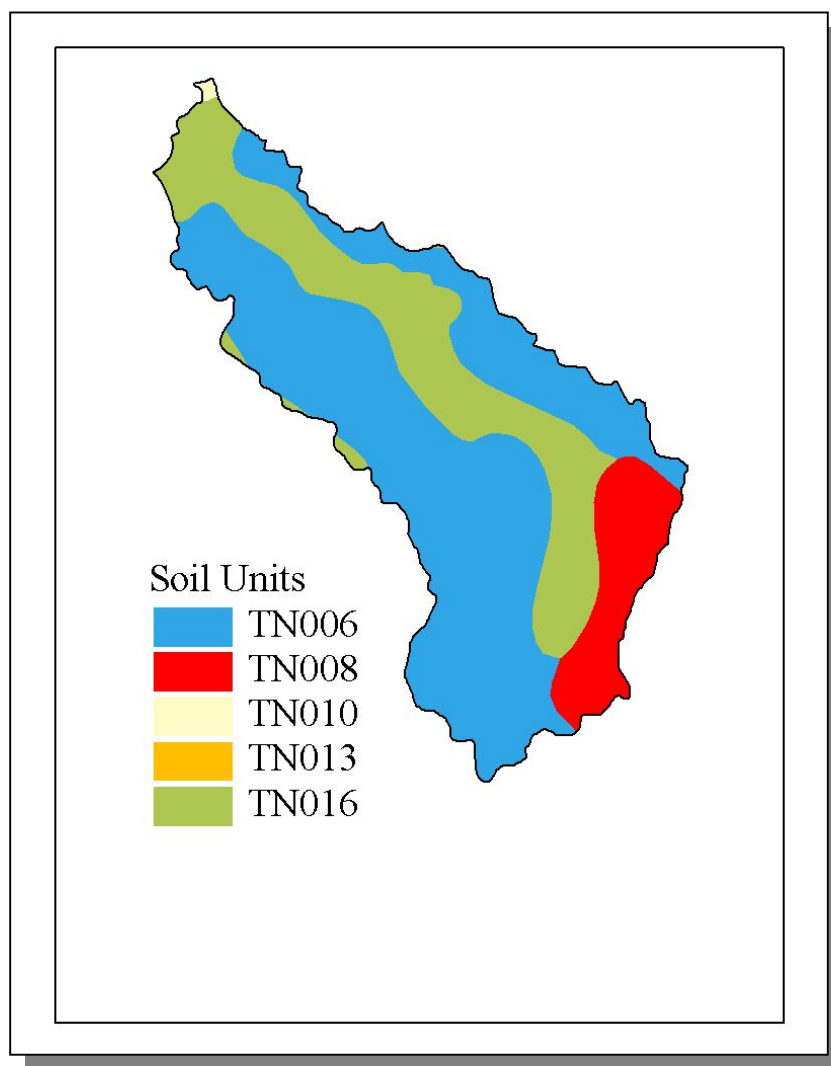


Figure 4-234. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080604.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN006	0.00	C	1.30	5.42	Silty Loam	0.48
TN008	2.00	C	1.38	5.20	Silty Loam	0.48
TN010	81.00	C	1.33	5.11	Silty Loam	0.44
TN013	72.00	C	1.30	5.44	Silty Loam	0.46
TN016	0.00	C	1.30	6.47	Silty Loam	0.44

Table 4-217. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080604. The definition of "Hydrologic Group" is provided in Appendix IV.

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County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
Tipton	37,568	45,986	51,271	4.84	1,818	2,225	2,481	36.5

Table 4-218. Population Estimates in Subwatershed 080102080604

			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Covington	Tipton	7,487	2,920	2,717	203	0

Table 4-219. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 080102080604.

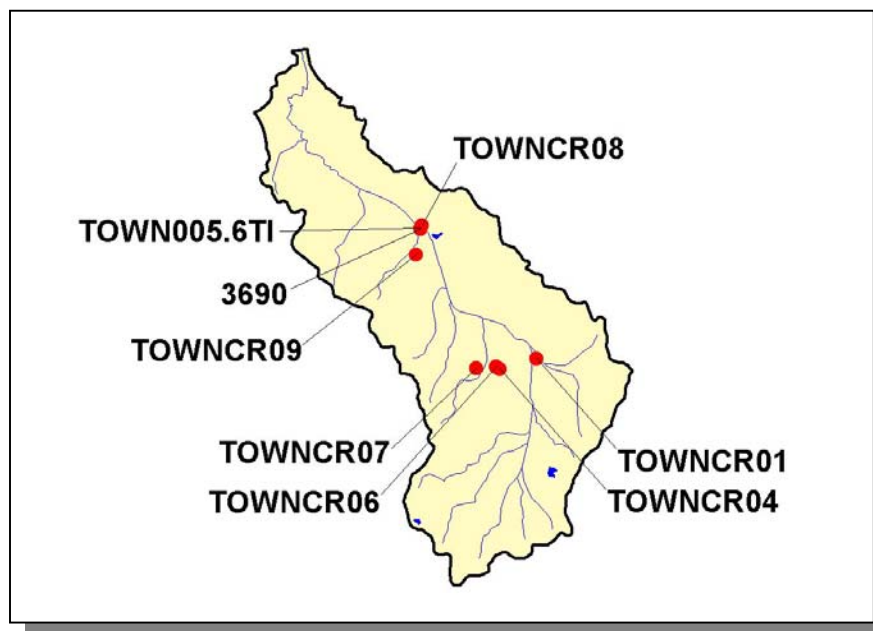


Figure 4-235. Location of Monitoring Sites in EPA's STORET Database in Subwatershed 080102080604. More information, including site names and locations, is provided in Appendix IV.

4.2.F.iv.a. Point Source Contributions.

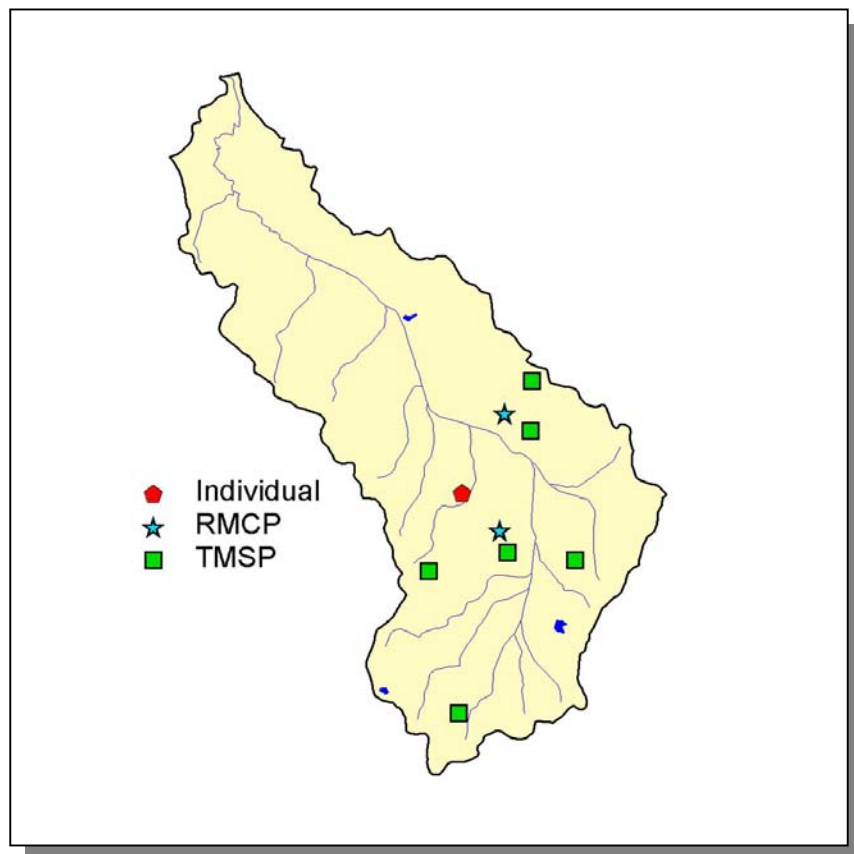


Figure 4-236. Location of Permits Issued in Subwatershed 080102080604. More information, including the names of facilities, is provided in Appendix IV.



Figure 4-237. Location of Active NPDES Sites in Subwatershed 080102080604. More information, including the names of facilities, is provided in Appendix IV.

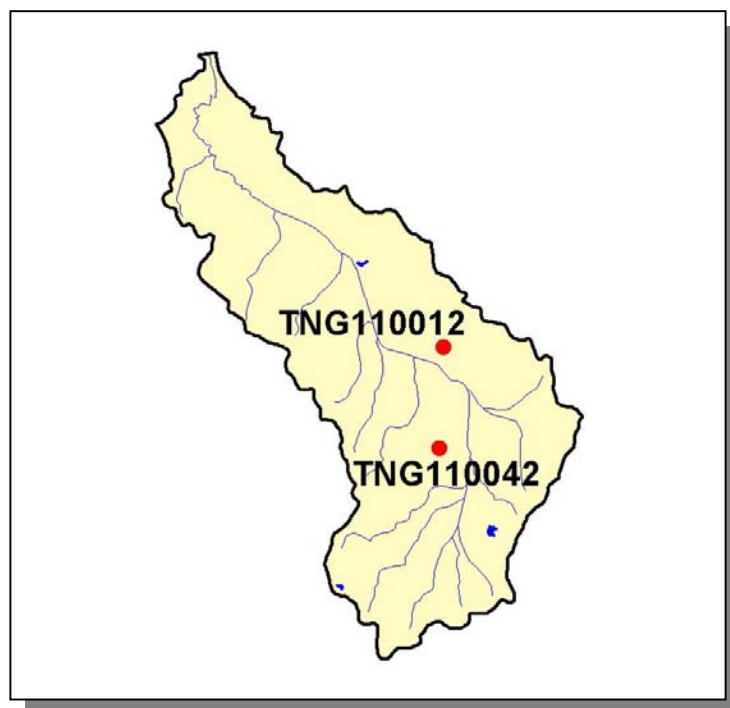


Figure 4-238. Location of Ready Mix Concrete Plants (RMCP) in Subwatershed 080102080604. More information is provided in Appendix IV.

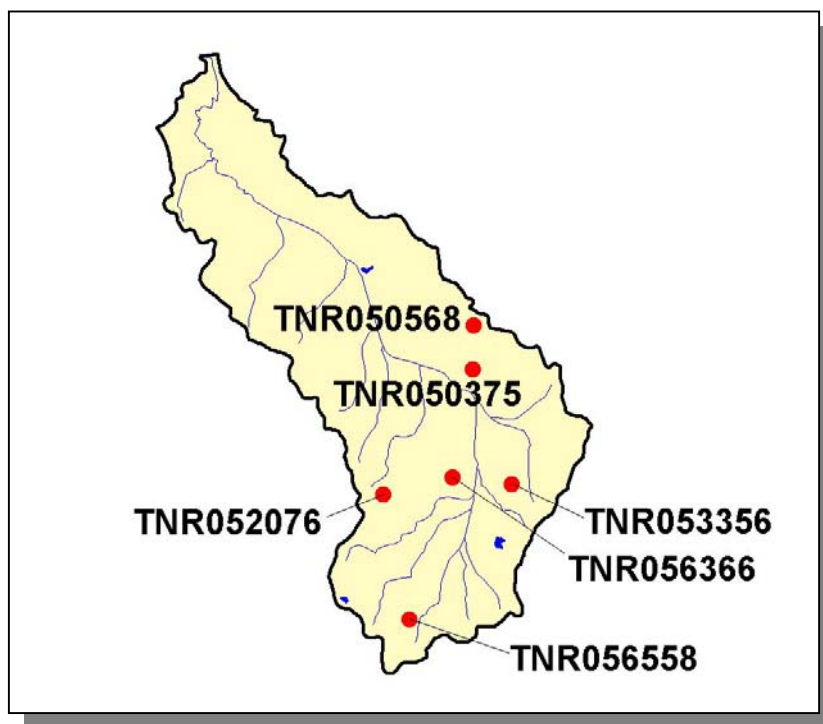


Figure 4-239. Location of TMSP Sites in Subwatershed 080102080604. More information, including the names of facilities, is provided in Appendix IV.

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4.2.F.iv.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS					
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
328	593	<5	<5	15	5

Table 4-220. Summary of Livestock Count Estimates in Subwatershed 080102080604. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

LIVESTOCK COUNTS						
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
Tipton	5,422	9,796	14	334	251	86

Table 4-221. Summary of Livestock Count Estimates in Tipton County. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Tipton	50.9	50.9	1.0	5.6

Table 4-222. Forest Acreage and Annual Removal Rates (1987-1994) in Tipton County.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.84
Grass (Hayland)	2.09
Legumes (Hayland)	0.54
Grass, Forbs, Legumes (Mixed Pasture)	1.01
Cotton (Row Crops)	16.59
Soybeans (Row Crops)	18.74
Other Vegetable and Truck Crops	21.48
Other Cropland not Planted	0.22
Conservation Reserve Program Lands	1.05
Farmsteads and Ranch Headquarters	0.69

Table 4-223. Annual Estimated Total Soil Loss in Subwatershed 080102080604.

4.2.F.v. 080102080605 (Hatchie River).

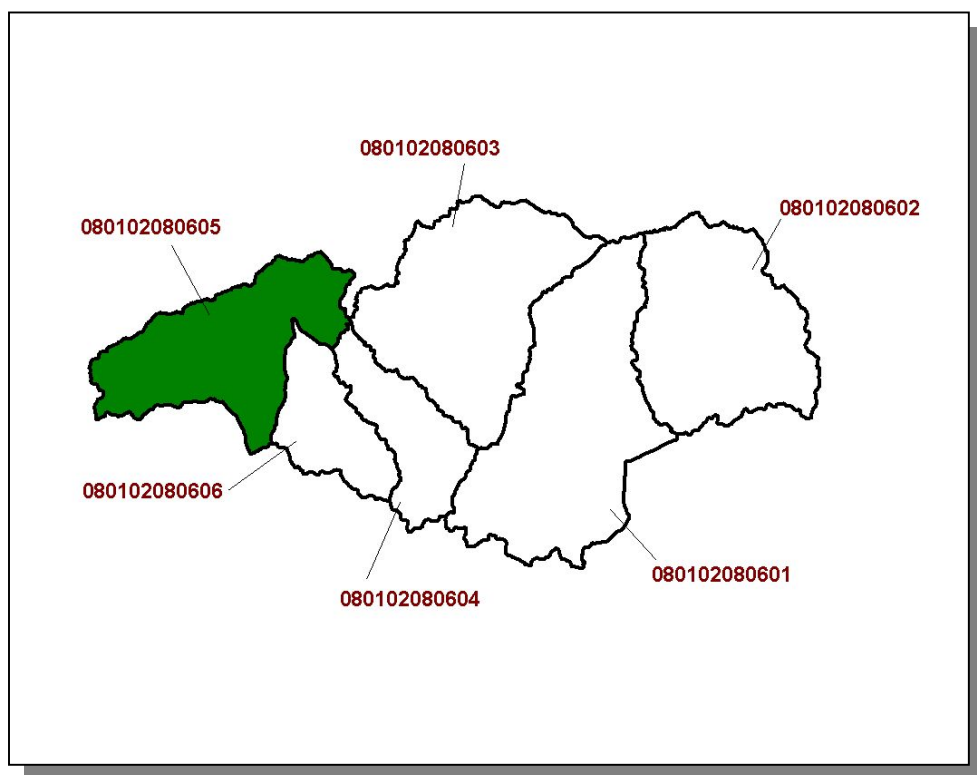


Figure 4-240. Location of Subwatershed 080102080605. All Hatchie River HUC-12 subwatershed boundaries in Tennessee are shown for reference.

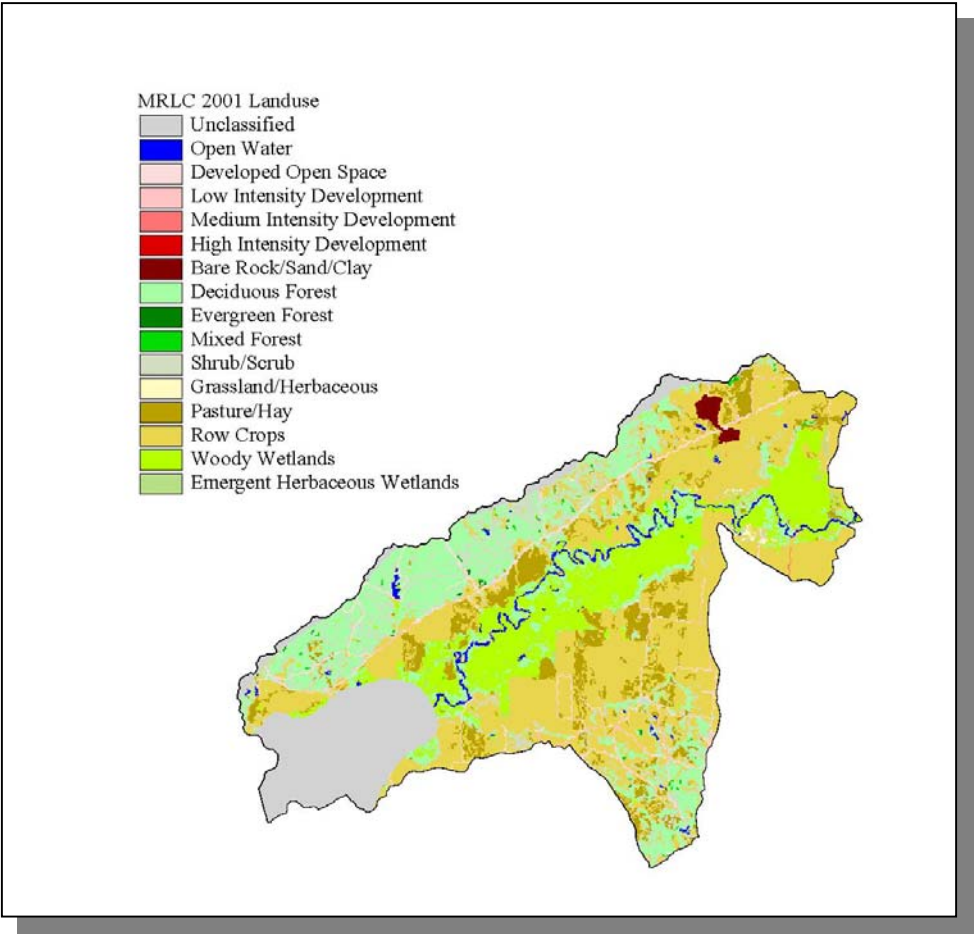


Figure 4-241. Illustration of Land Use Distribution in Subwatershed 080102080605.

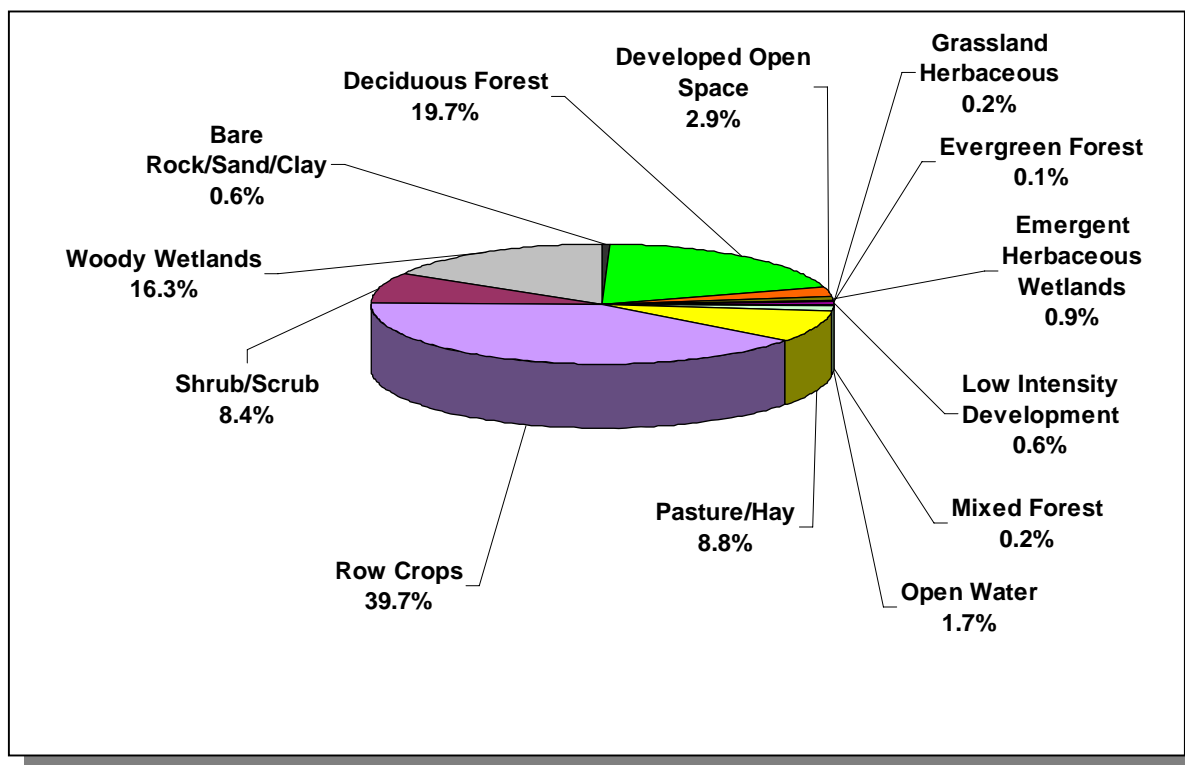


Figure 4-242. Land Use Distribution in Subwatershed 080102080605. More information is provided in Appendix IV.

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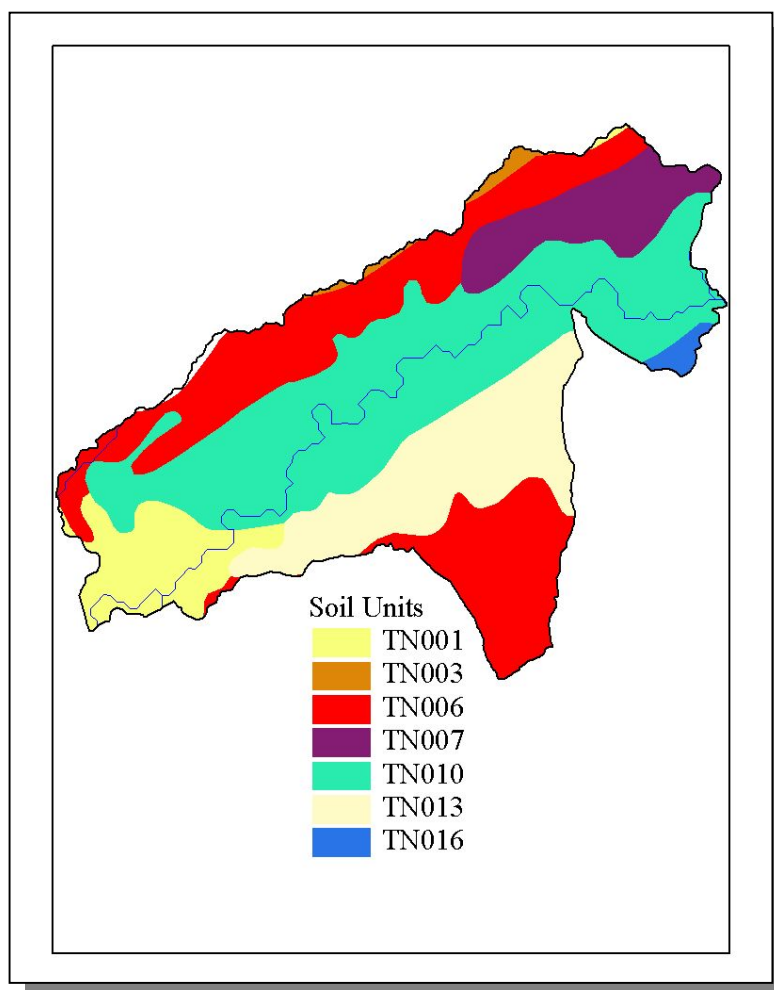


Figure 4-243. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080605.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN001	14.00	C	2.31	7.00	Silty Loam	0.33
TN003	62.00	C	0.50	6.65	Silty Clay	0.33
TN006	0.00	C	1.30	5.42	Silty Loam	0.48
TN007	29.00	C	1.30	5.36	Silty Loam	0.48
TN010	81.00	C	1.33	5.11	Silty Loam	0.44
TN013	72.00	C	1.30	5.44	Silty Loam	0.46
TN016	0.00	C	1.30	6.47	Silty Loam	0.44

Table 4-224. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080605. The definition of "Hydrologic Group" is provided in Appendix IV.

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County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
Lauderdale	23,491	24,128	27,101	4.77	1,120	1,151	1,292	15.4
Tipton	37,568	45,986	51,271	4.43	1,666	2,039	2,274	36.5
Total	61,059	70,114	78,372		2,786	3,190	3,566	28.0

Table 4-225. Population Estimates in Subwatershed 080102080605

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Burlison	Tipton	364	165	14	138	13
Garland	Tipton	181	77	13	59	5
Total		545	242	27	197	18

Table 4-226. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 080102080605.

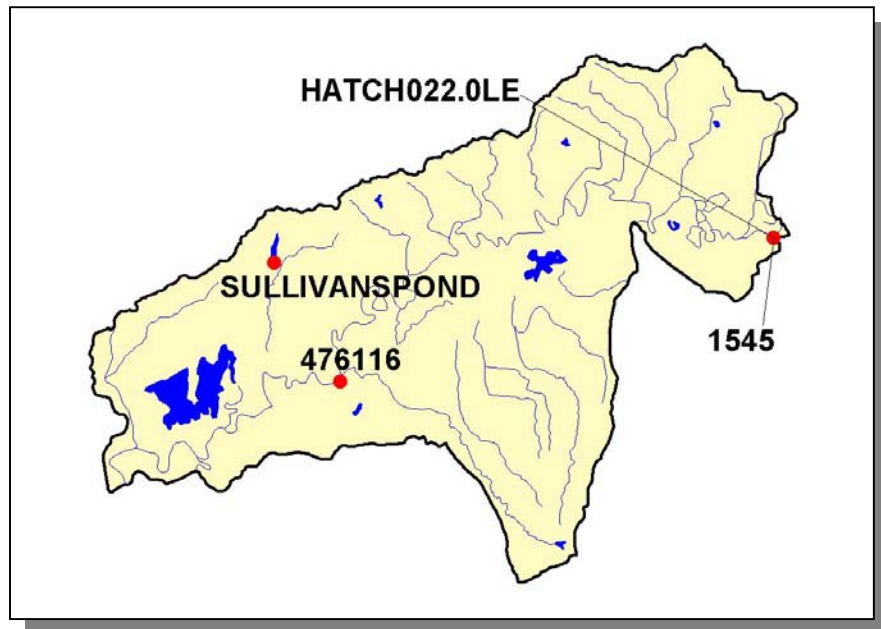


Figure 4-244. Location of Monitoring Sites in EPA's STORET Database in Subwatershed 080102080605. More information, including site names and locations, is provided in Appendix IV.

4.2.F.v.a. Point Source Contributions.

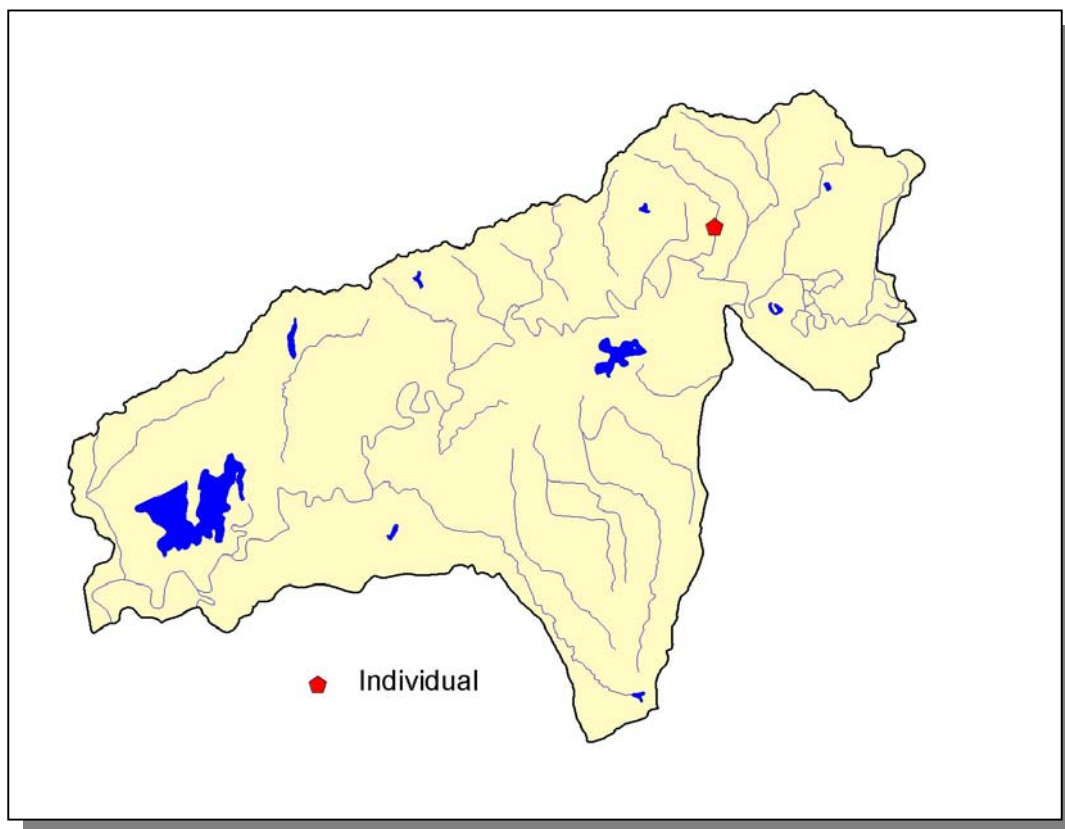


Figure 4-245. Location of Permits Issued in Subwatershed 080102080605. More information, including the names of facilities, is provided in Appendix IV.

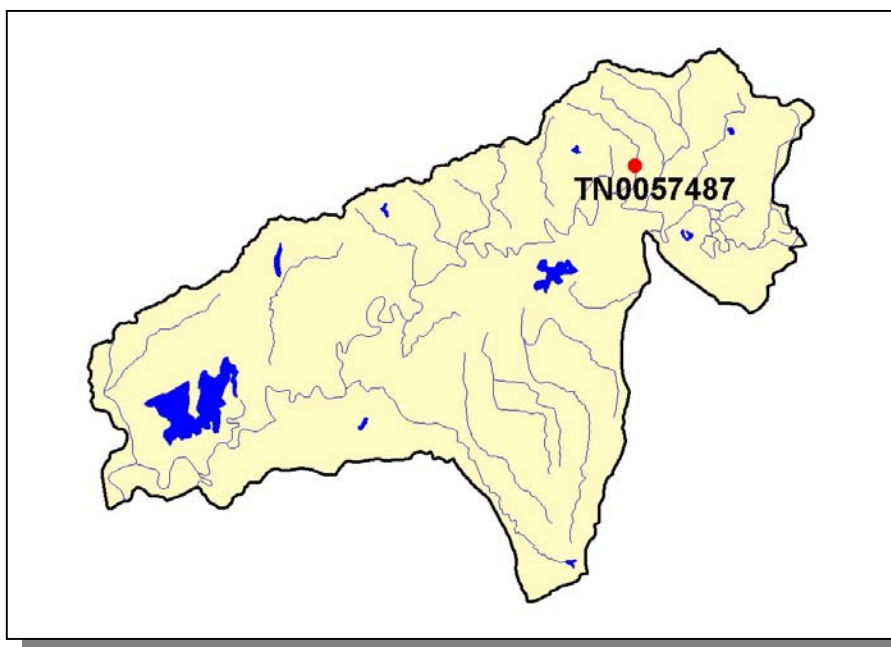


Figure 4-246. Location of Active NPDES Sites in Subwatershed 080102080605. More information, including the names of facilities, is provided in Appendix IV.

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4.2.F.v.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS				
Beef Cow	Cattle	Chickens (Layers)	Hogs	Sheep
169	703	<5	115	<5

Table 4-227. Summary of Livestock Count Estimates in Subwatershed 080102080605.
According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

LIVESTOCK COUNTS						
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
Lauderdale	0	8,739	0	243	2,355	11
Tipton	5,422	9,796	14	334	251	86

Table 4-228. Summary of Livestock Count Estimates in Lauderdale and Tipton Counties.
According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Lauderdale				
Tipton	50.9	50.9	1.0	5.6

Table 4-229. Forest Acreage and Annual Removal Rates (1987-1994) in Lauderdale and Tipton Counties.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	1.62
Grass (Hayland)	1.14
Legumes, Grass (Hayland)	0.58
Legumes (Hayland)	0.60
Grass, Forbs, Legumes (Mixed Pasture)	1.78
Corn (Row Crops)	14.77
Cotton (Row Crops)	14.91
Soybeans (Row Crops)	15.87
Wheat (Close-Grown Cropland)	9.27
Other Vegetable and Truck Crops	11.87
Summer Fallow (Other Cropland)	8.70
Other Cropland not Planted	0.22
Conservation Reserve Program Lands	1.45
Other Land in Farms	0.05
Farmsteads and Ranch Headquarters	0.36

Table 4-230. Annual Estimated Total Soil Loss in Subwatershed 080102080605.

4.2.F.vi. 080102080606 (Mathis Creek).

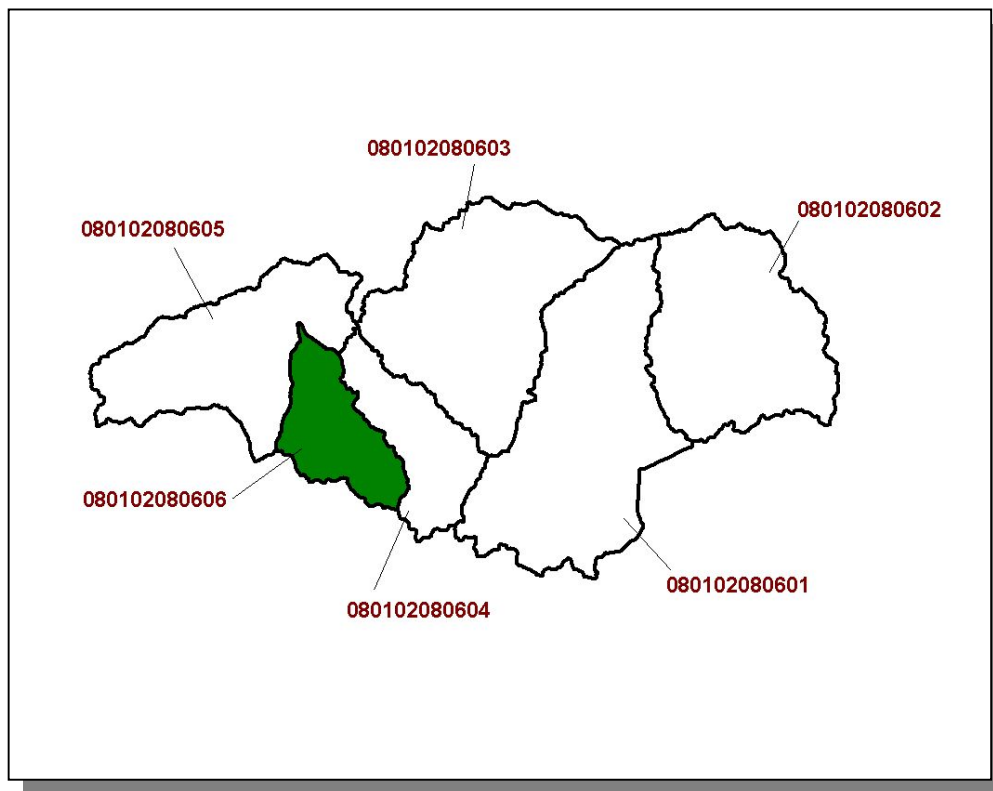


Figure 4-247. Location of Subwatershed 080102080606. All Hatchie River HUC-12 subwatershed boundaries in Tennessee are shown for reference.

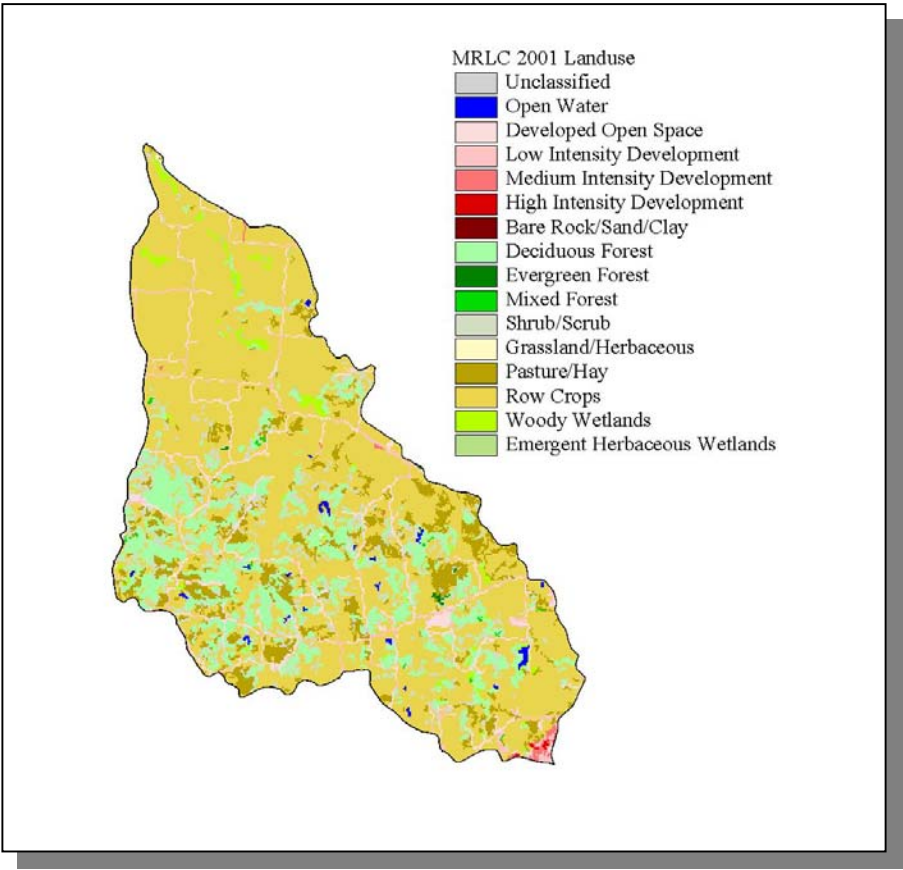


Figure 4-248. Illustration of Land Use Distribution in Subwatershed 080102080606.

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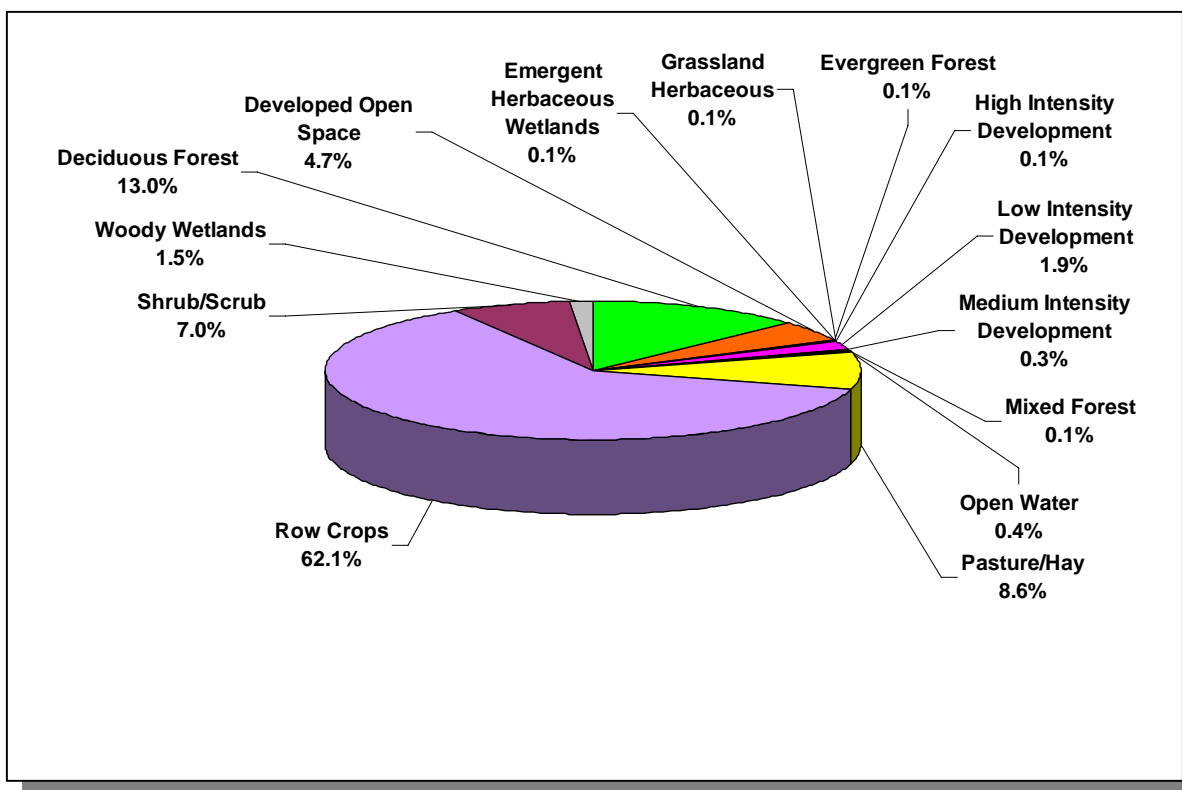


Figure 4-249. Land Use Distribution in Subwatershed 080102080102. More information is provided in Appendix IV.

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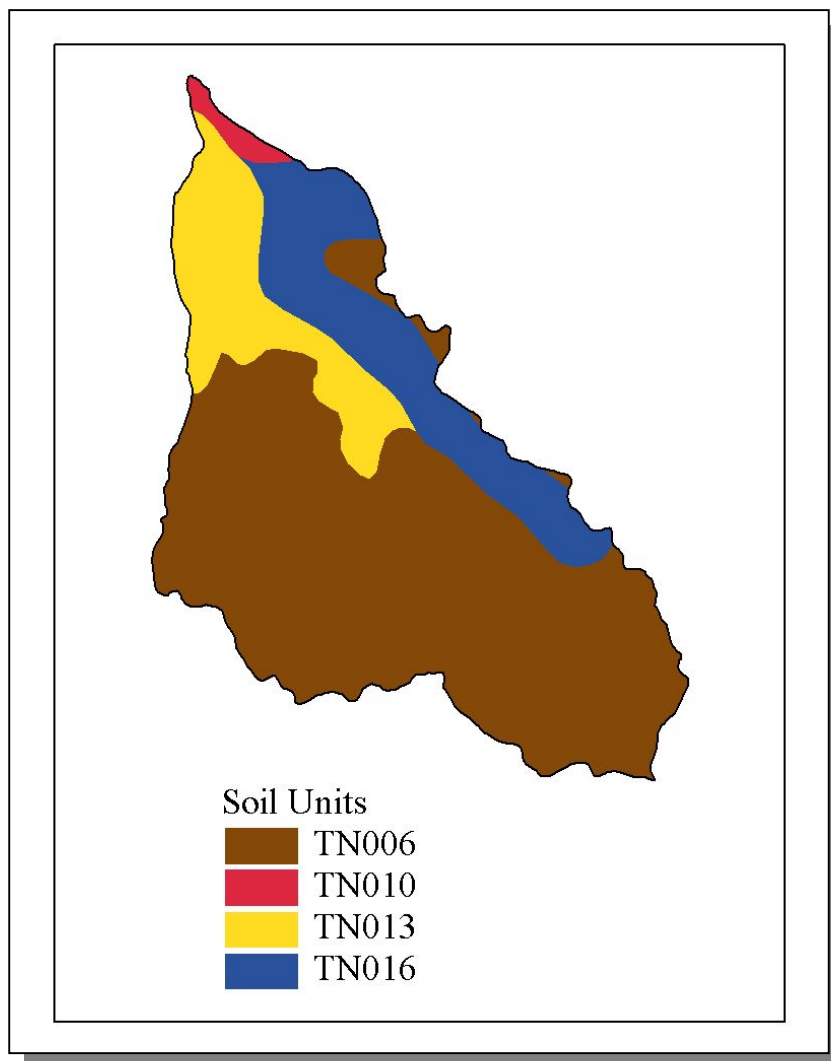


Figure 4-250. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080606.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN006	0.00	C	1.30	5.42	Silty Loam	0.48
TN010	81.00	C	1.33	5.11	Silty Loam	0.44
TN013	72.00	C	1.30	5.44	Silty Loam	0.46
TN016	0.00	C	1.30	6.47	Silty Loam	0.44

Table 4-231. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080606. The definition of "Hydrologic Group" is provided in Appendix IV.

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County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
Tipton	37,568	45,986	51,271	4.42	1,659	2,031	2,264	36.5

Table 4-232. Population Estimates in Subwatershed 080102080606

			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Covington	Tipton	7,487	2,920	2,717	203	0
Garland	Tipton	181	77	13	59	5
Total		7,668	7,997	2,730	262	5

Table 4-233. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 080102080606.

4.2.F.vi.a. Point Source Contributions.

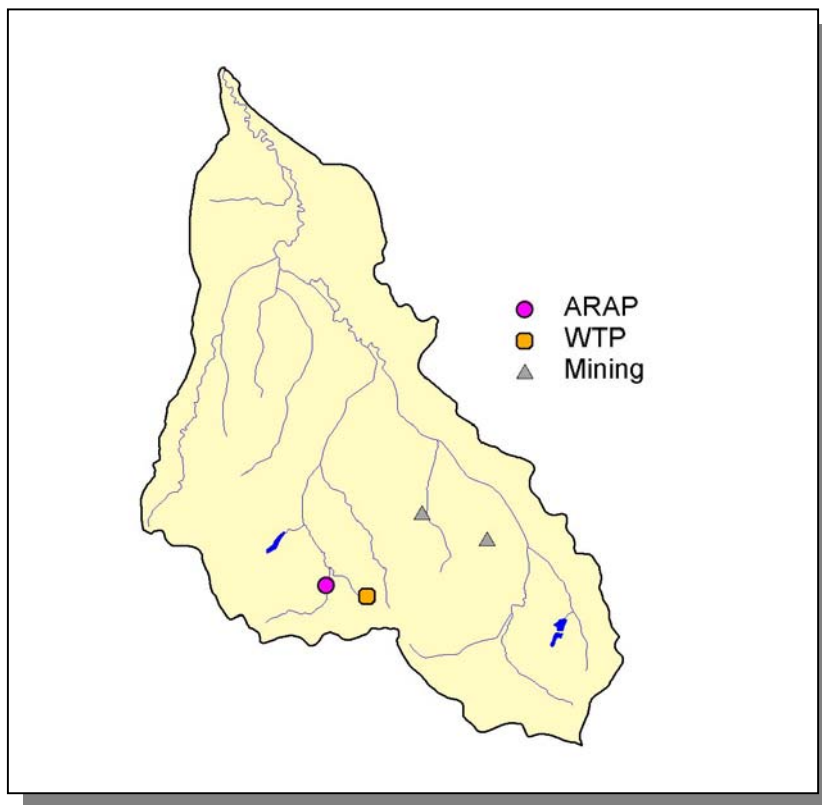


Figure 4-251. Location of Permits Issued in Subwatershed 080102080606. More information, including the names of facilities, is provided in Appendix IV.



Figure 4-252. Location of Active Mining Sites in Subwatershed 080102080606. More information, including the names of mining operations, is provided in Appendix IV.



Figure 4-253. Location of Water Treatment Plants in Subwatershed 080102080606. More information, including the names of facilities, is provided in Appendix IV.

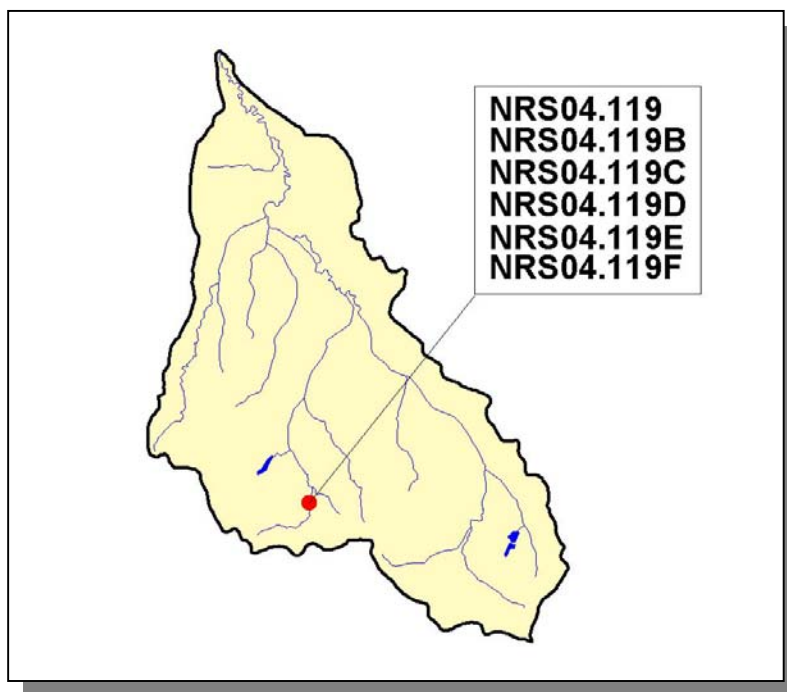


Figure 4-254. Location of Aquatic Resource Alteration Permit (ARAP) Sites (Individual Permits) in Subwatershed 080102080606. More information is provided in Appendix IV.

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4.2.F.vi.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS					
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
396	715	<5	<5	18	6

Table 4-234. Summary of Livestock Count Estimates in Subwatershed 080102080606. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

LIVESTOCK COUNTS						
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
Tipton	5,422	9,796	14	334	251	86

Table 4-235. Summary of Livestock Count Estimates in Tipton County. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Tipton	50.9	50.9	1.0	5.6

Table 4-236. Forest Acreage and Annual Removal Rates (1987-1994) in Tipton County.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.84
Grass (Hayland)	2.09
Legumes (Hayland)	0.54
Grass, Forbs, Legumes (Mixed Pasture)	1.01
Cotton (Row Crops)	16.59
Soybeans (Row Crops)	18.74
Other Vegetable and Truck Crops	21.48
Other Cropland not Planted	0.22
Conservation Reserve Program Lands	1.05
Farmsteads and Ranch Headquarters	0.69

Table 4-237. Annual Estimated Total Soil Loss in Subwatershed 080102080606.